





Longline, a complete range of Partitioning Systems to suit application, performance and budget. The range is manufactured in Britain, backed by comprehensive test data and fully supported by trained experts who have the technical know-how to make sure you get exactly what you need.

For specifiers, clients and contractors, Longline Systems offer a single source of supply via the Nevill Long National branch network. So whatever your project, talk to the Longline experts at Nevill Long — the Distributor of Choice, now and in the future. For your nearest Nevill Long branch, visit www.nevilllong.co.uk



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## partitioning

fire and acoustic summary
Longline 50
Longline 75
Longline 100
Longline Vision fully glazed
frameless partitioning
Longline XP rapid fit door and window frames

#### doors and doorsets

02

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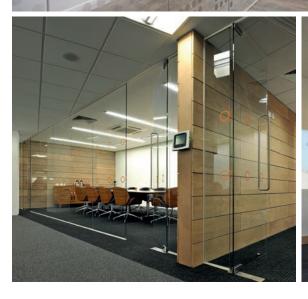
doors overview
veneer finishes
44 mm cellular core doors
44 mm solid core doors
door ironmongery
steel fire screen & fire door solutions
movable walls & sliding
folding partitions

#### glass

types of glass and partitioning build heights glass joints glass doors manifestations & graphics

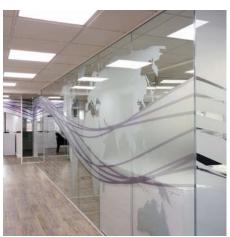








# partitioning







Fire, acoustic and structural summary	03
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# Longline 75

#### Acoustic Performance Summary

	Acoustic Performance
Solid	up to 43dB
Single Centre Glazed	up to 34dB
Single Offset Glazed	up to 34dB
Double Glazed	up to 40dB

#### Fire Performance Summary

	Fire Performance
Solid	up to 30/0
Single Centre Glazed	up to 30/0
Single Offset Glazed	up to 30/0
Double Glazed	up to 30/0

#### Structural Performance Summary

	Structural Performance
Solid	Heavy Duty at 3m high
Single Centre Glazed	Severe Duty at 3m high
Single Offset Glazed	Severe Duty at 3m high
Double Glazed	Severe Duty at 3m high

# **Longline 100**

#### Acoustic Performance Summary

	Acoustic Performance
Solid	up to 52dB
Single Centre Glazed	up to 34dB
Single Offset Glazed	up to 34dB
Double Glazed	up to 40dB

#### Fire Performance Summary

	Fire Performance
Solid	up to 30/0
Single Centre Glazed	up to 30/0
Single Offset Glazed	up to 30/0
Double Glazed	up to 30/0

#### Structural Performance Summary

	Structural Performance
Solid	Heavy Duty at 3m high
Single Centre Glazed	Severe Duty at 3m high
Single Offset Glazed	Severe Duty at 3m high
Double Glazed	Severe Duty at 3m high

# **Longline Vision**

#### Structural Performance Summary

BS 5534 TESTING	Structural Performance
Longline Vision Single Glazed	Up to Severe Duty

BS 6180 TESTING	Structural Performance
Longline Vision Single Glazed	Suitable for use as a Barrier

#### Acoustic Performance Summary

	Acoustic Performance
Longline Vision Single Glazed	up to 39dB
Longline Vision Double Glazed	up to 48dB





#### **System Description**

Longline 50 is a 50mm (2") relocatable partitioning system that provides a lightweight versatile and economical solution to space division. It is available in any combination of solid, fully glazed or part glazed elevations and generally based on a 1200mm module, the system provides an extensive range of options.

Longline 50 comprises of lightweight aluminium framing with gypsum plasterboard honeycomb panel for solid elevations. Glazed elevations utilise snap-in PVC glazing components to achieve single centre, single offset or double glazing configurations.

#### **System Benefits**

- Choice of radiused or square profiles
- Single or double glazed options
- Prefabricated door frame sets
- Lightweight economical solution
- Integral blinds for privacy (optional)
- Range of colours and finishes
- Fully demountable

#### **Overall Thickness**

54mm

#### **Glass Options**

A range of glass options, up to 7mm nominal thicknesses, is available including:

- Toughened
- Laminated

#### **Finish**

Aluminium profiles are available as either satin silver anodised grade AA5 or polyester powder coated, some profiles are ex-stock in RAL9010 and BS 00 A 05.

#### **Door Integration**

Prefabricated door frame sets, available with radiused or square profiles, permit the inclusion of door openings with the system at virtually any position. Longline 50 is designed to accommodate hollow core doors, if solid core doors are required additional support measures are necessary.

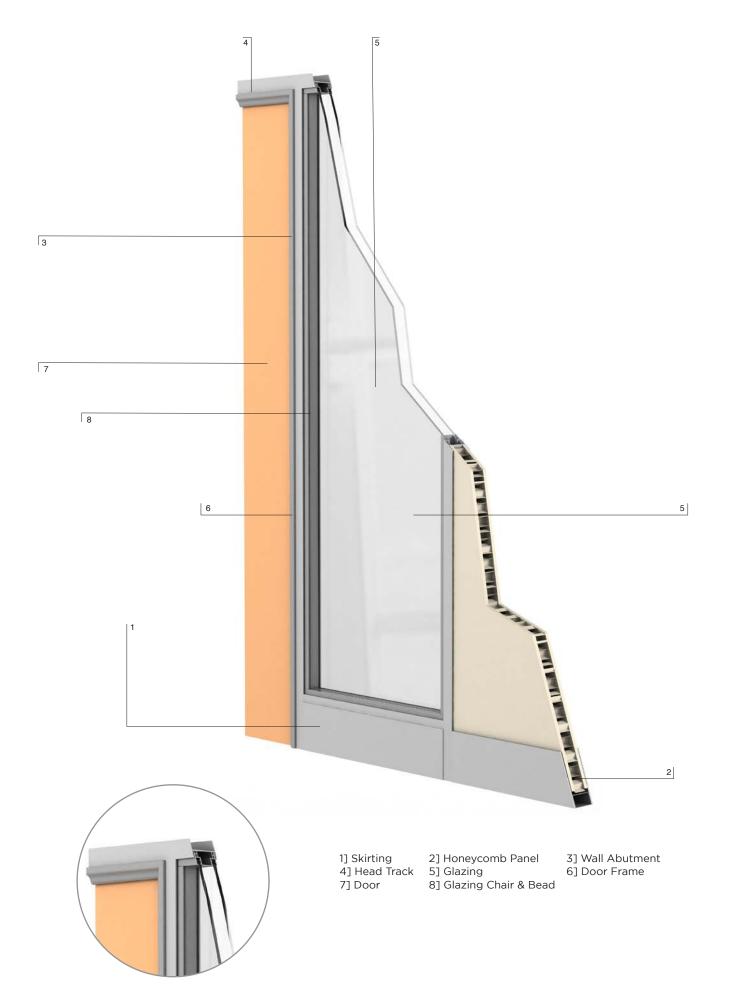
#### **Manifestations**

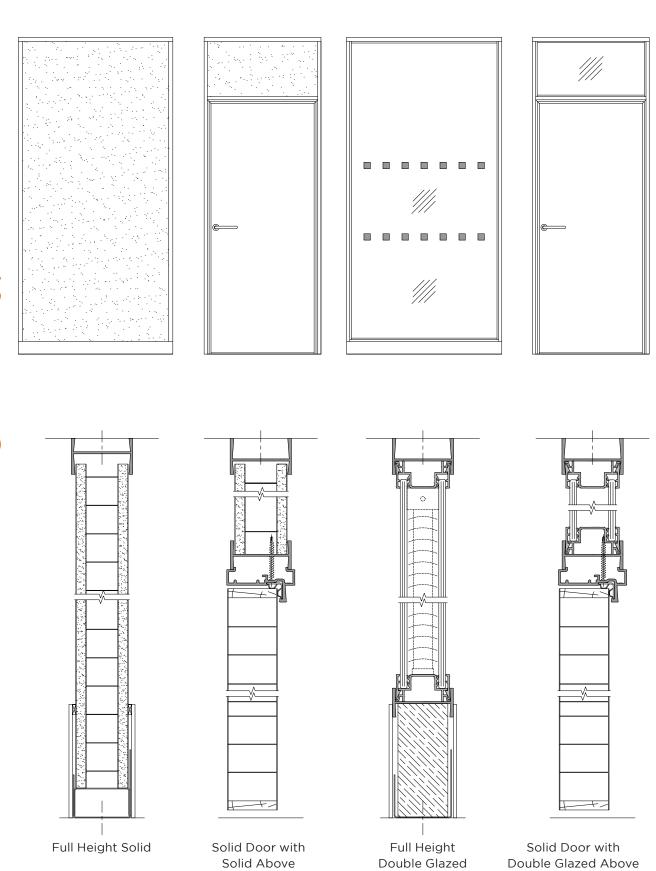
A range of glass manifestations can be supplied and fitted. All manifestations need to comply with Approved Doc M.

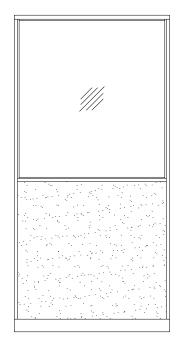


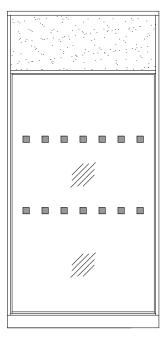


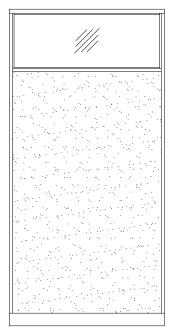


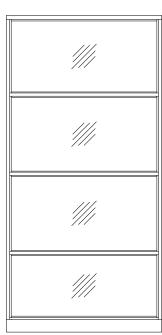


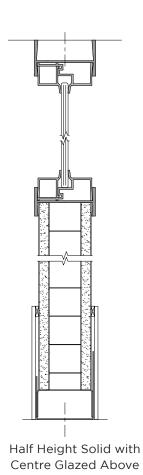


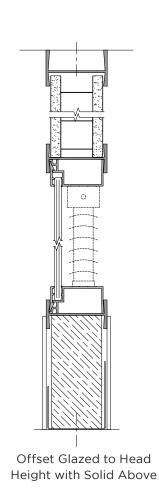


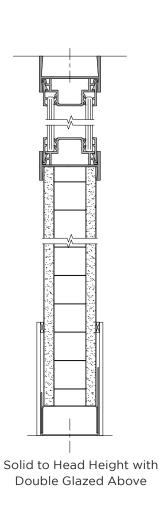


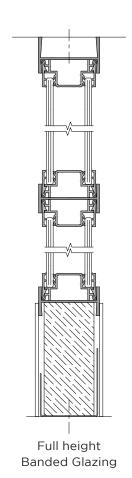


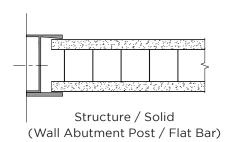


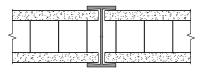




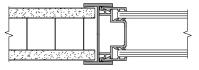




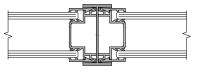




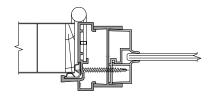
Solid / Solid



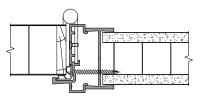
Solid / Double Glazed



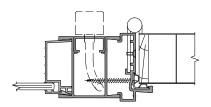
Double Glazed / Double Glazed



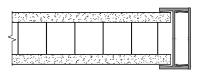
Door Frame / Single Glazed



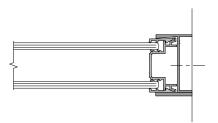
Door Frame / Solid



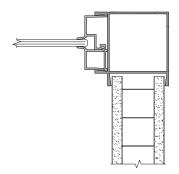
Offset Glazed / Door Frame (with Blind Control)



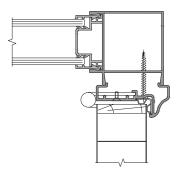
Solid Free End Detail



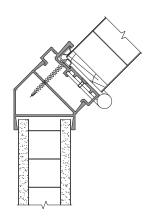
Double Glazed / Structure (Wall Abutment / Flat Bar)



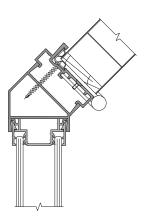
Square 90° Corner Post Centre Glazed / Solid



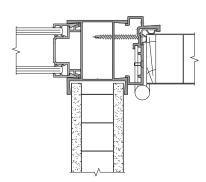
Square 90° Corner Post Double Glazed / Door



Square 135° Corner Post Solid / Door

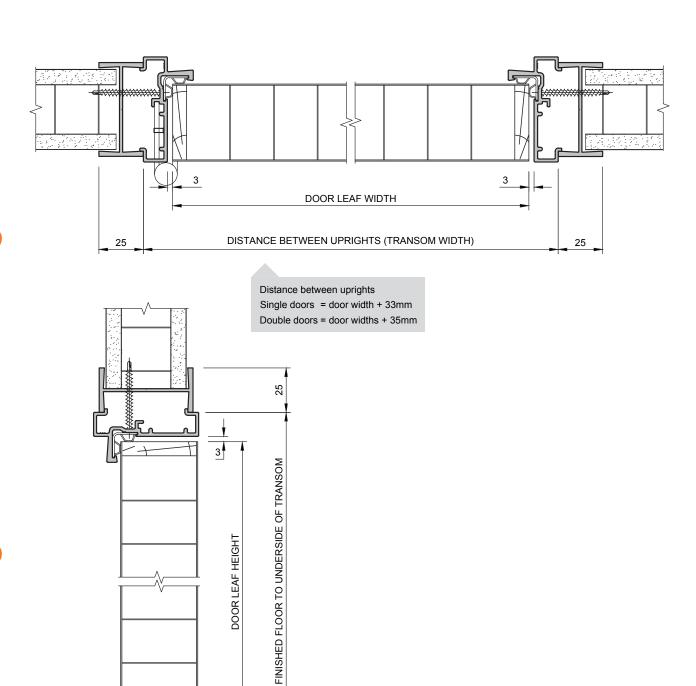


Square 135° Corner Post Double Glazed / Door

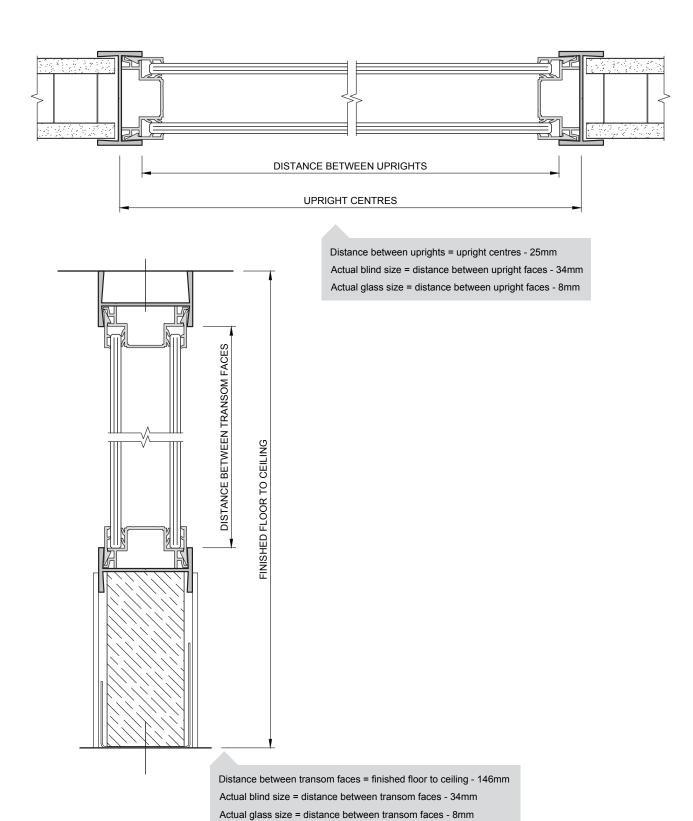


Three-Way Junction Double Glazed / Solid / Door

Door frame and corner sections available in both square profiles as shown, or rounded.



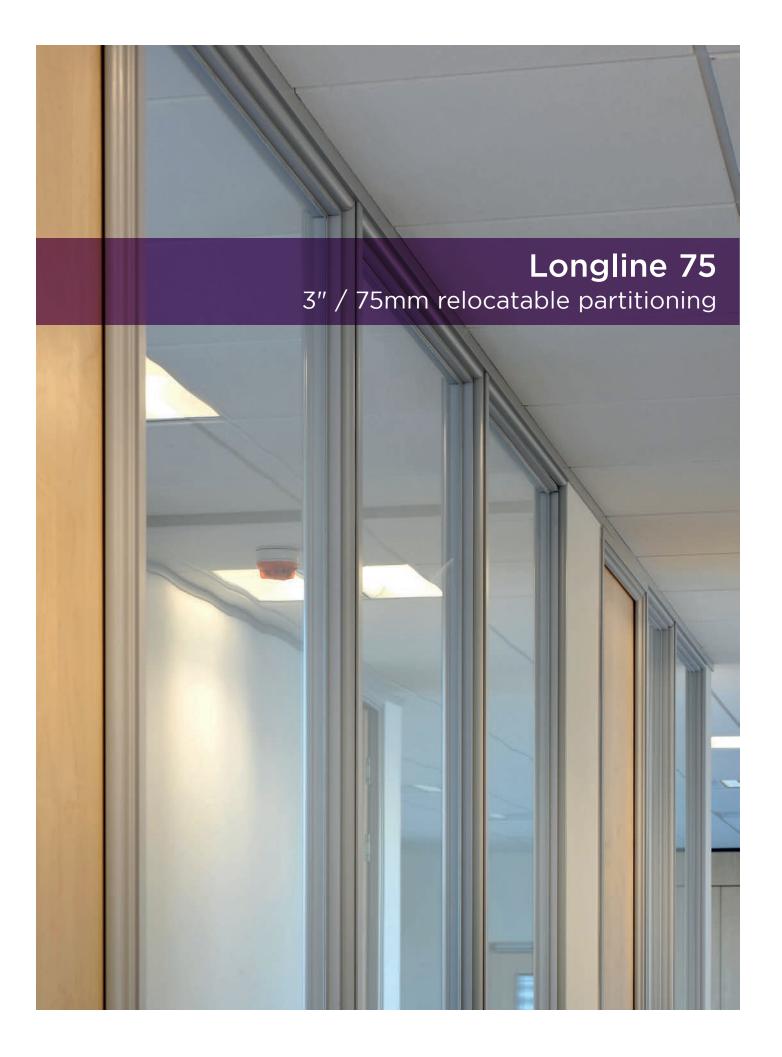
Finished floor to underside of Transom = door leaf height + 22mm



Profile	Product Ref / Description	Nominal Length (mm)
	PT1002 Reversible Head Channel	3000
	PTIOUZ Reversible Head Channel	3600
		2400
	DT1004 Upwight /D\ Doct	2700
	PT1004 Upright (B) Post	3000
		3600
	PT1041 Heavy Top Capping (U)	6000
		2400
	DT1010 0 40 D	2700
	PT1010 Corner (K) Post	3000
		3600
		2700
	PT1011 Rounded 90° Corner Post	3000
		3600
	PT1038 Annular (Q) Post	3600
ПП		2400
	PT1017 Three Way Box Post (J)	2700
	Thom three way box tost (9)	3000
		3600
		2700
	PT1012 45° Corner Post	3000
		3600
		2700
	PT1020 Rounded 45° Corner Post	3000
		3600
		2700
PT1009	PT1009 Service Post	3000
		3600
PT1015 Service Post Infill (O)		2700
	PT1015 Service Post Infill (O)	3000
		3600
П	PT1023 Abutment Post (I)	2700
		3000
		3600

Profile	Product Ref / Description	Nominal Length (mm)
	PT1008 Flat (D) Bar	3000
	T Flood Flat (b) Bai	3600
	DT1016 Challeys (C) Channel	3000
	PT1016 Shallow (S) Channel	3600
	DT4017 L CIL O O D	3000
l J	PT1013 Infill (Y) Post	3600
		726
		826
		838
	PTPBT Transom (Pre-bracketed)	926
		1200
		1676
	Full Glass Timber Packers - 1180 x 100 x 44mm	1200
	Touch-Up Paint Tin (125ml)	-
	Touch-Up Paint Spray (400ml)	_
	PT1037 Hung Panel Clip (Mill Finish)	3600
	PT1001 75mm Skirting (Face Fix)	3000
u	PT1014 100mm Skirting (Face Fix)	3000
	Flexible Blind Control Cable c/w Knob Coated to Standard Colour	_
	MC123 100mm Plastic Skirting (Black / White / Grey)	3000
	150mm Plastic Skirting (Black / White / Grey)	3000
	Two Part Floor Shoe	-
	Aluminium Fixing Bracket	_
	Skirting Rubber 6mm x 3mm	1 x 25m roll
	PT1024 Aluminium Single Glazing Chair	3600
7	PT1025 Aluminium Single Glazing Bead	3600
	PT1026 Aluminium Double Glazing Chair	3600
٦	PT1027 Aluminium Double Glazing Bead	3600

Profile	Product Ref / Description	Nominal Length (mm)
	Single Centre Plastic Glazing Chair (Black / White / Grey)	3600
	Single Centre Plastic Glazing Bead (Black / White / Grey)	3600
, and the second	Single Offset Plastic Glazing Chair (Black / White / Grey)	3600
	Double Glazed Plastic Glazing Chair (Black / White / Grey)	3600
F	Double/Offset Glazing Bead (Black / White / Grey)	3600
b	Flipper Seal (Black)	1000
		2400x1200x46
	Honeycomb Panel	2700x1200x46
		3000x1200x46
	PT2002 Square Universal Single Door Frame (NFR)	1981x838
		2040x926
[r	PT2002 Square Handed Single Door Frame (NFR)	2400x838
		2900x838
		1981x1676
	PT2002 Square Double Door Frame (NFR)	2400x1676
		2900x1676
		1981x838
	PT2001 Round Universal Single Door Frame (NFR)	2040x826
		2040x926
M.		2040x926
	PT2001 Round Handed Single Door Frame (NFR)	2400×838
		2900x838
		1981x1676
	PT2001 Round Double Door Frame (NFR)	2400x1676
		2900x1676
0 0	Lock Box	-
	R103 Hinge	_
		1000
5	Door Seal	2050
J.		3000
<b>С</b> ининининин	Fixing Screws - No.8 x 38mm (per pack)	-
	Longline 50 2 Hinge Pack	_
	Longline 50 3 Hinge Pack	_
	Longline 50 4 Hinge Pack	
	Longline 50 Unmilled Frame Pack	_



#### **System Description**

Longline 75 is a nominal 75mm (3") relocatable partitioning system that provides both fire and acoustic performance. It is available in any combination of solid, fully glazed or part glazed elevations with a square, radiused or wrap around profile.

Comprising a galvanised steel stud framework with aluminium profiles and cover trims, it can be installed as single centre, single offset, double glazed or faced with a single layer of 12.5mm thick gypsum plasterboard.

The overall thickness of the system is 94mm, with all extruded aluminium profiles available as SAA and polyester powder-coated to a range of colours.

#### **System Benefits**

- Acoustic & fire performance options
- Solid, single or double glazed build configurations
- Range of profile options including square wrap-round detail
- Flexible & easy to install
- Rapid fit door frame kits
- Integral blinds & manifestation options

#### **Overall Thickness**

94mm

#### **Glass Options**

A range of glass options, up to 7mm nominal thicknesses, is available including:

- Toughened
- Laminated
- Electric privacy glass
- Fire rated
- Acoustic

#### **Finish**

Aluminium profiles are available as either satin silver anodised grade AA5 or polyester powder coated; some profiles are ex-stock in RAL9010 and BS 00 A 05.

#### **Door Integration**

Prefabricated door frames kits, available with radiused or square profiles, permit the inclusion of door openings at virtually any position.

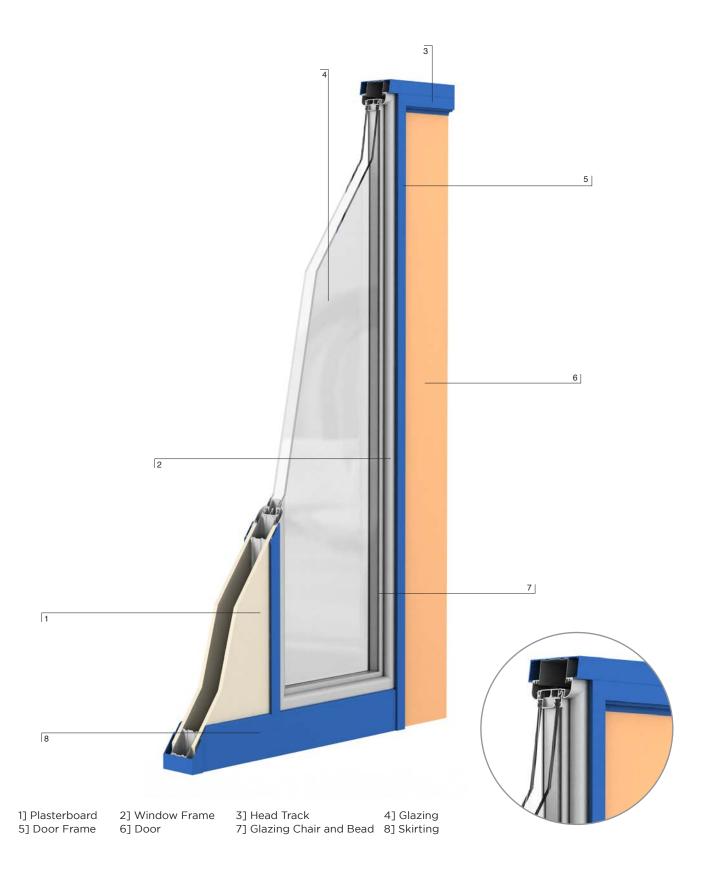
#### Manifestations

A range of glass manifestations can be supplied and fitted. All manifestation need to comply with Approved Doc M.



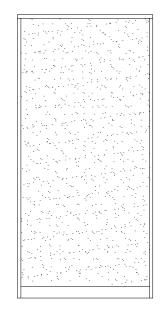


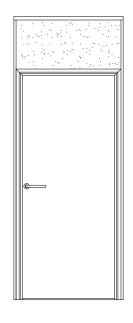


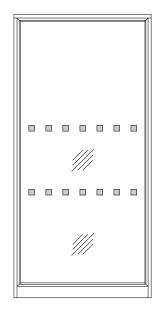


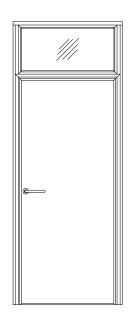
# **Performance Data**

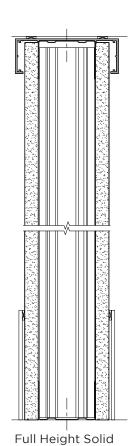
	Acoustic Performance	Fire performance	Structural Performance
Solid	up to 43dB	30/0 to 3.4m	Medium Duty at 3m high
Single Glazed (centre glazed)	up to 34dB	30/0 to 3.0m	Severe Duty at 3m high
Single Glazed (offset glazed)	up to 34dB	30/0 to 3.0m	Severe Duty at 3m high
Double Glazed	up to 40dB	30/0 to 3.0m	Severe Duty at 3m high

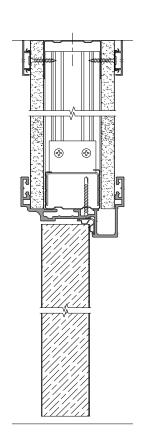


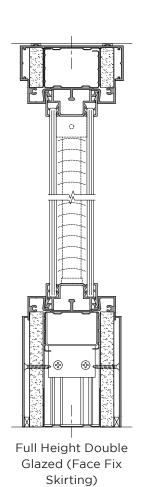


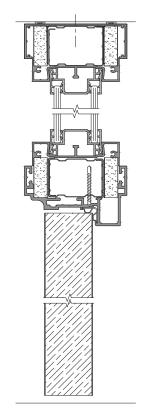




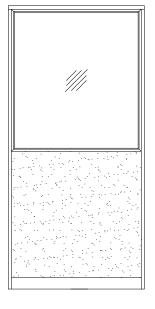


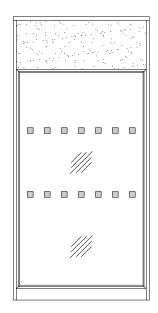


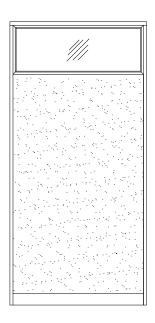


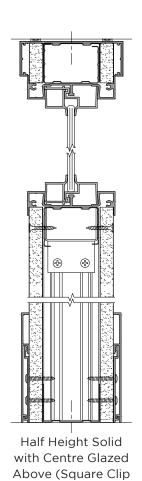


Timber Door with Double Glazed Above

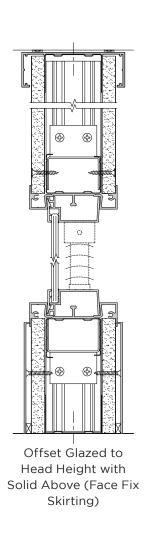


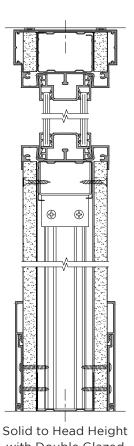




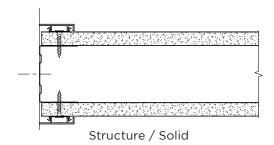


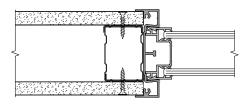
on Skirting)



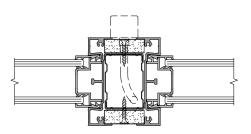


Solid to Head Height with Double Glazed Above (Square Clip on Skirting)

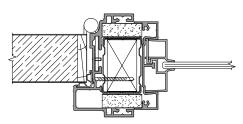




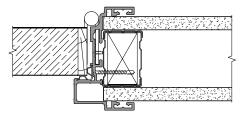
Solid / Double Glazed



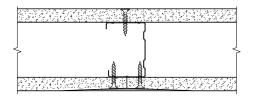
Double Glazed / Double Glazed



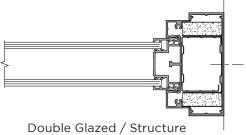
Square Door Frame / Centre Glazed



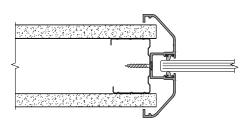
Square Door Frame / Solid



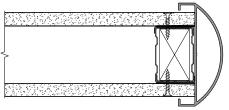
Solid / Solid



(Channel Abutment)



Longline Vision Integration



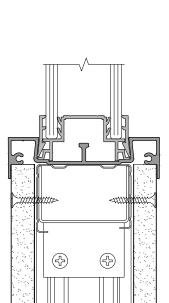
Solid Free End Detail

#### **Glazing Options**

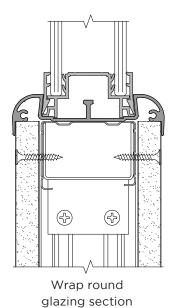
Longline 75 offers a range of glazing build options that includes square and radiused profiles with cover trims, and also square and radiused wrap-around glazing details.

The wrap-around detail enables glazing frames to be installed quickly and progressively within the project program.

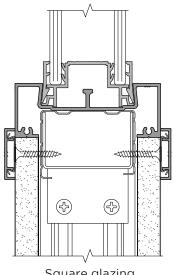
A range of notched transoms are available which enable glazed window frames or transoms to be installed in solid drywall without cover trims.



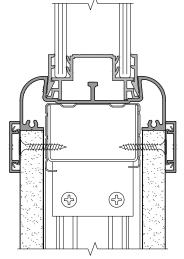
Wrap square glazing section



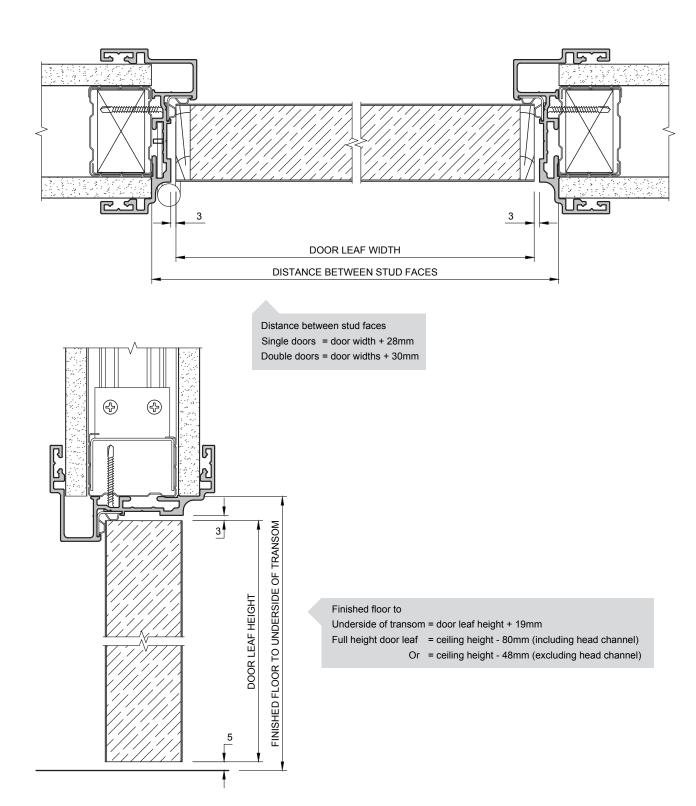




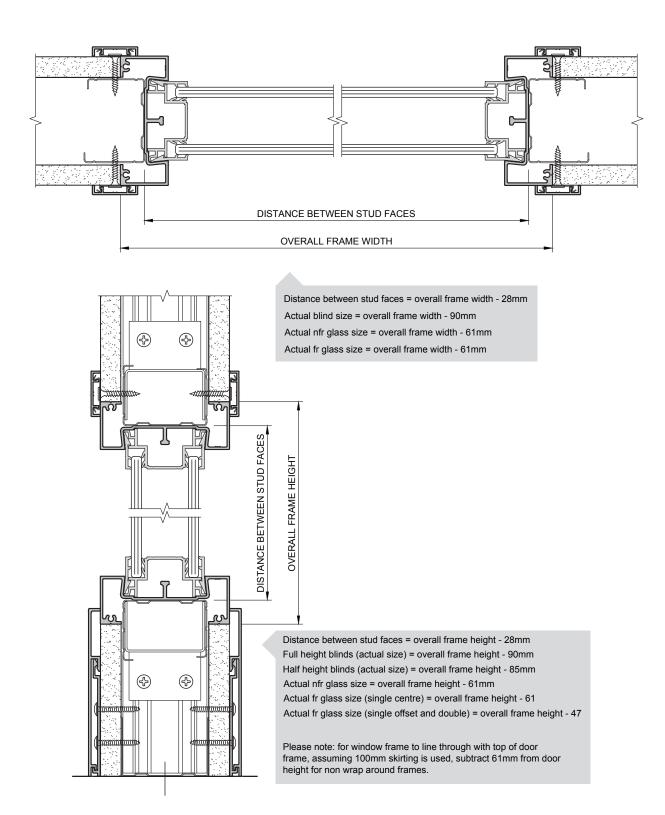
Square glazing section



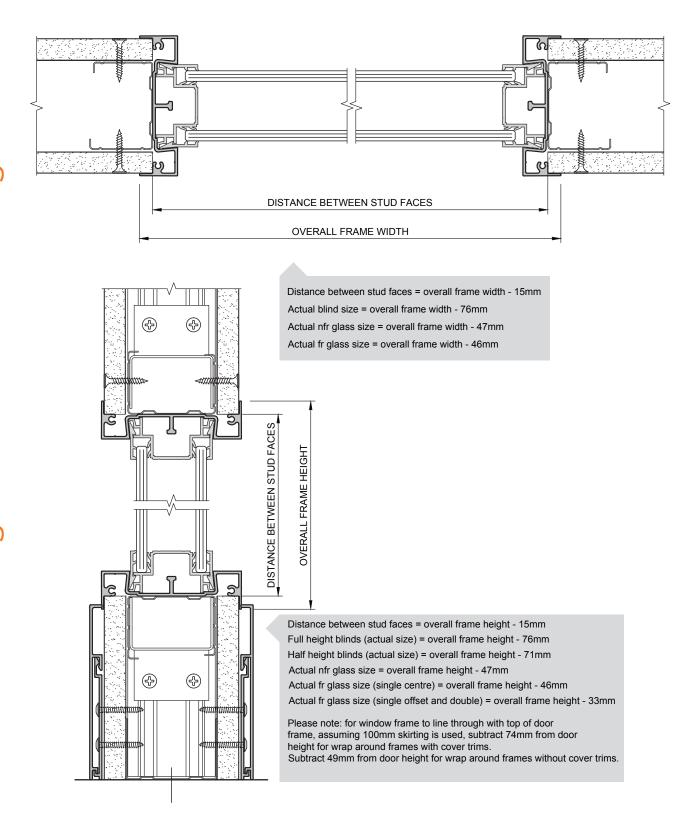
Round glazing section



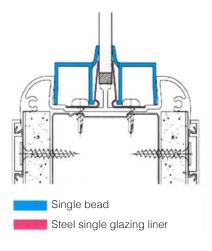
#### Non wrap square window frames



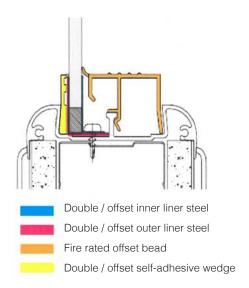
#### Wrap square window frames



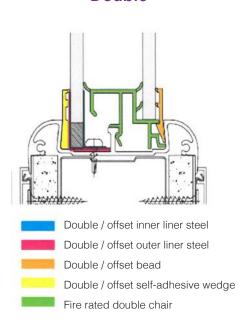
# **Single Central**



# **Single Offset**



## **Double**



Profile	Product Ref / Description	Nominal Length (mm)
	PT3443 75mm Head Channel	3000
	P13443 /SHIIII nead Chamei	3600
	PT090 Head Channel Splice Plate 90° (Galvanized)	
	PT135 Head Channel Splice Plate 135° (Galvanized)	
	PT180 Head Channel Splice Plate 180° (Galvanized)	
	PT1035 90° Corner Post	3000
	PT1036 135° Corner Post	3000 3600
		2400
	50mm Galvanised Steel Stud	2700
		3000
	50mm Stud Section for 1200mm Transom	3600 1200
	50mm Stud Section for Door Transom	838
	Bracket for 50mm Stud Transom	each
	Floor Track 35mm Leg	3000
	DSW28x43x27 Softwood Stud Infill for 50mm Stud	3000
	35 x 1200mm Plasterboard Fillet	1200
	PT1054 Steel 135° Corner Liner (Galvanized)	3000
		2400
<u>€1</u>	PT0007 Aluminium Cover Trim for use with Wrap Around Window Frames	2700
	Tot use with virap Around viridow Flatties	3000 3600
		2400
(s s)	PT0008 FA2 Aluminium Cover Trim	2700
	for use with Non Wrap Window Frames	3000
		3600
		2700
	PT1055 Galvanised Clamping Strip	3000
		3600

Profile	Product Ref / Description	Nominal Length (mm)
		2700
	PT1028 135° External Corner Cover Trim	3000
v		3600
		2700
	PT1029 135° Internal Corner Cover Trim	3000
a b ()		3600
		2700
	PT1039 90° Aluminium Clip-On Corner Angle	3000
L		3600
		3000 3600 2700 3000
( a	PT2039 90° Aluminium Clip-On Rounded Corner Angle	3000
L		3600
		2700
	PT1040 Clip Section for 90° External Angle (Mill)	3000
0		3600
	PT2014 Longline 75 Adaptor Post for Longline Vision Glazing	3000
	PT1030 Aluminium Angle 25mm	3000
	1 11030 Aluminum Angle 23mm	3600
	PT1006 Aluminium Angle 32mm	3000
		3600
		3000
	PT1031 Aluminium Angle 50mm	3600
	SYS05 Steel Omega Section (Galvanized)	
	SYP11 PVC Omega Infill (Grey)	
	SYP11 PVC Omega Infill (White)	
L	SYP11 PVC Omega Infill (Writte) SYP11 PVC Omega Infill (Dark Grey) RAL 7011	3000
	SYP11 PVC Omega Infill (Ivory) RAL 1013	3000
	SYP11 PVC Omega Infill (Black) RAL 9011	3000
	PT2015 75mm Radiused Stop End Section	3000
	Touch-Up Paint Tin (125ml)	_
	Touch-Up Paint Spray (400ml)	-

Profile	Product Ref / Description	Nominal Length (mm)
	PT1001 75mm Skirting (Face Fix)	3000
	PT1014 100mm Skirting (Face Fix)	3000
	PT1021 100mm Skirting Concealed Fixing (Insert)	3000
[	Skirting Infill (Black / White / Grey)	25
	PT1034 100mm Concealed Fix Skirting Radiused	3000
	PT1032 100mm Concealed Fix Skirting Square	3000
	PT1033 Fixing Clip for 100mm Concealed Skirting	-
	MC123 100mm Plastic Skirting (Black / White / Grey)	3000
	150mm Plastic Skirting (Black / White / Grey)	3000

Profile	Product Ref / Description	Nominal Length (mm)
75mm Door Frames		
		1981x838
	PT3003 75mm Square Universal Single Door Frame (NFR)	2040x826
		2040x926
		2040x926
	PT3003 75mm Square Handed Single Door Frame (NFR)	2400x838
		2900x838
		1981x1676
	PT3003 75mm Square Double Door Frame (NFR)	2400×1676
		2900x1676
		1981x838
	PT3003 75mm Square Universal Single Door Frame (FD30)	2040x826
		2040x926
		2040x926
	PT3003 75mm Square Handed Single Door Frame (FD30)	2400x838
		2600x838
		1981x1676
	PT3003 75mm Square Double Door Frame (FD30)	2400x1676
		2500x1676
		1981x838
	PT2003 75mm Round Universal Single Door Frame (NFR)	2040x826
		2040x926
	PT2003 75mm Round Handed Single Door Frame (NFR)	2040x926
		2400x838
		2900x838
		1981x1676
l l	PT2003 75mm Round Double Door Frame (NFR)	2400×1676
		2900×1676
		1981x838
	PT2003 75mm Round Universal Single Door Frame (FD30)	2040x826
		2040x926
	DT0007.75	2040x926
	PT2003 75mm Round Handed Single Door Frame (FD30)	2400x838
		2600x838
		1981x1676
	PT2003 75mm Round Double Door Frame (FD30)	2400x1676
		2500x1676

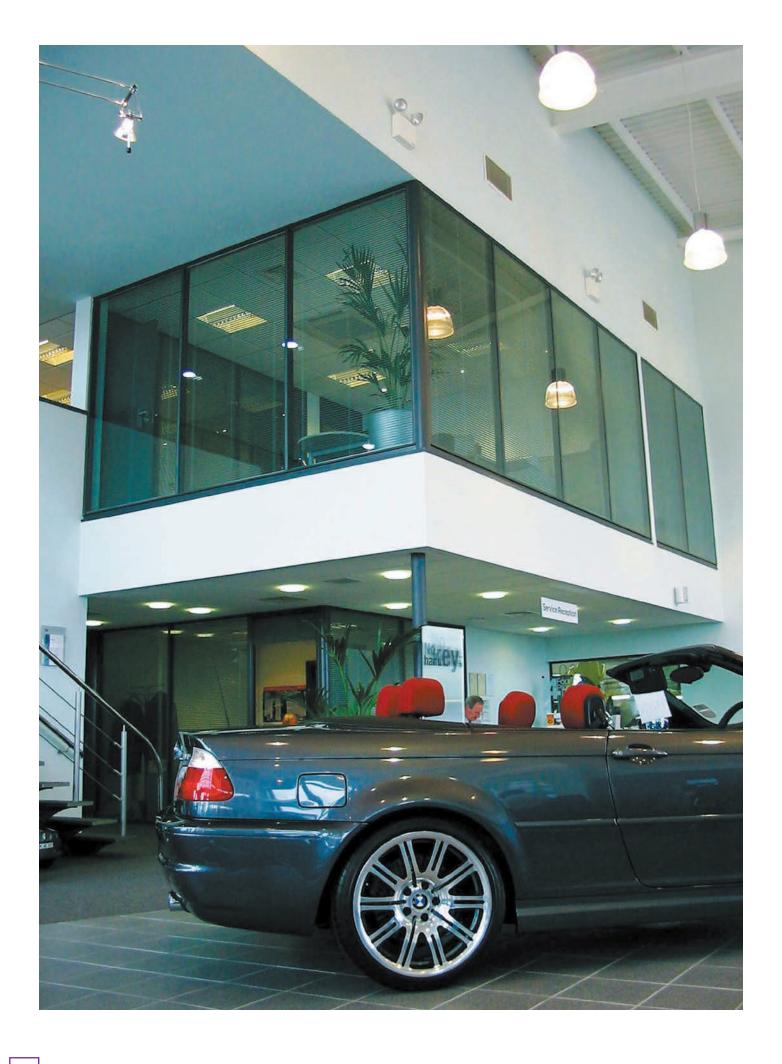
Profile	Product Ref / Description		Nominal Length (mm)
<b>Door Frame Components</b>			
0 0	Lock Box		-
	R103 Hinge		-
			1000
8	Door Seal		2050
F	200. 000.		
			3000
	Intumescent Strip		1050
	Fixing Screws - No.8 x 38mm (per pack)		-
	Steel Mitre Cleats		-
	PTGP6X45X100 Glazing Packers 6 x 4.5 x 100mm		-
	Fixing Kit for 5 Modules		-
Pre-Mitred Glazing Frames	Product Ref / Description (Actual sizes are measured from outside mitre ends)	Actual Size (mm)	Nominal Size (mm)
	PT3006 Wrap Square Window Frame	1178 x 835	1200 x 800
		1178 x 1178	1200 x 1200
	PT2008 Square Flat Back ( non wrap ) Window Frame	1193 x 813	1200 x 800
		1193 × 1193	Length (mm)  -  1000 2050 3000 1050  -  -  Nominal Size (mm)  1200 x 800
	PT2006 Wrap Round Window Frame	1178 x 835	1200 x 800
		1178 x 1178	1200 x 1200
	1193 x 813 PT2007 Round Flat Back ( non wrap ) Window Frame		1200 x 800
	The state of the s	1193 x 1193	1200 x 1200

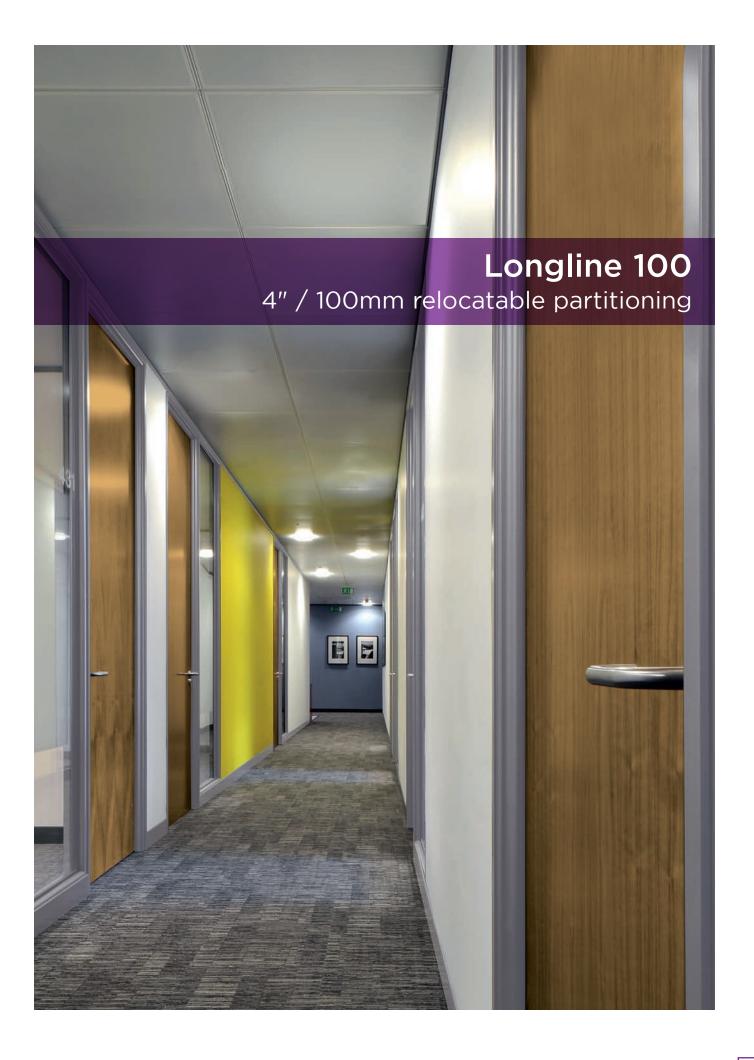
Special sizes of all frames can be ordered on request. Please contact your local branch for all enquiries.

#### Please note

Nominal 800 high frames are sized to suit transom at dado height 1200 from floor level with window frame top to standard doorhead height 1200 high frames will give half glazed configuration (dado at 1200), frame head at 2330

Profile	Product Ref / Description	Nominal Length (mm)	
75mm Glazing Components			
	PT3006 Wrap Square Glazing Section	3600	
	PT2008 Square Glazing Section	3600	
	PT2006 Wrap Round Glazing Section	3000	
	PT2007 Round Glazing Section	3600	
	PT1024 Aluminium Single Glazing Chair	3600	
7	PT1025 Aluminium Single Glazing Bead	3600	
	PT1026 Aluminium Double Glazing Chair	3600	
٦	PT1027 Aluminium Double Glazing Bead	3600	
<b>k</b>	Flipper Seal (Black)	1000	
	PT2008T Aluminium Square Window Transom Notched	1200	
	PT3006T Aluminium Wrap Square Window Transom Notched	1200	
	Single Centre Plastic Glazing Chair (Black / White / Grey)	3600	
	Single Centre Plastic Glazing Bead (Black / White / Grey)	3600	
	Single Offset Plastic Glazing Chair (Black / White / Grey)	3600	
	Double Glazed Plastic Glazing Chair (Black / White / Grey)	3600	
	Double/Offset Glazing Bead 3600mm (Black / White / Grey)	3600	
	PTEROSSSPVC Fire Rated Offset Chair	3600	
	PTFRDGCPVC Fire Rated Double Chair	3600	
	PTFROSDGPVC Fire Rated Double/Offset Glazing Wedge Bead	3600	
L	PT1050 Double / Offset Glazing Outer Liner	1100	
L	PT1051 Double / Offset Glazing Inner Liner	1100	
<u> </u>	PT1052 Steel Single Glazing Liner	1100 2700	





Longline 100 is a nominal 100mm (4") relocatable partitioning system that provides both fire and acoustic performance. It is available in any combination of solid, fully glazed or part glazed elevations with a square, radiused or wrap around profile.

Comprising a galvanised steel stud framework with aluminium profiles and cover trims, it can be installed as single centre, single offset, double glazed or faced with two layers of 12.5mm thick gypsum plasterboard on 50mm stud. (Longline 100 can also be installed as a single boarded system on 73mm stud as shown opposite). Door frames are supplied as manufactured kits for rapid on site fitting with a range of integrating doors available.

The overall thickness of the system is 119mm, with all extruded aluminium profiles available as SAA and polyester powder-coated to a range of colours.

#### **System Benefits**

- Acoustic & fire performance options
- Solid, single or double glazed build configurations
- Range of profile options including square wrap-round detail
- Flexible & easy to install
- Rapid fit door frame kits
- Integral blinds & manifestation options

#### **Glass Options**

A range of glass options, up to 7mm nominal thicknesses, is available including:

- Toughened
- Laminated
- Electric privacy glass
- Fire rated
- Acoustic

#### **Finish**

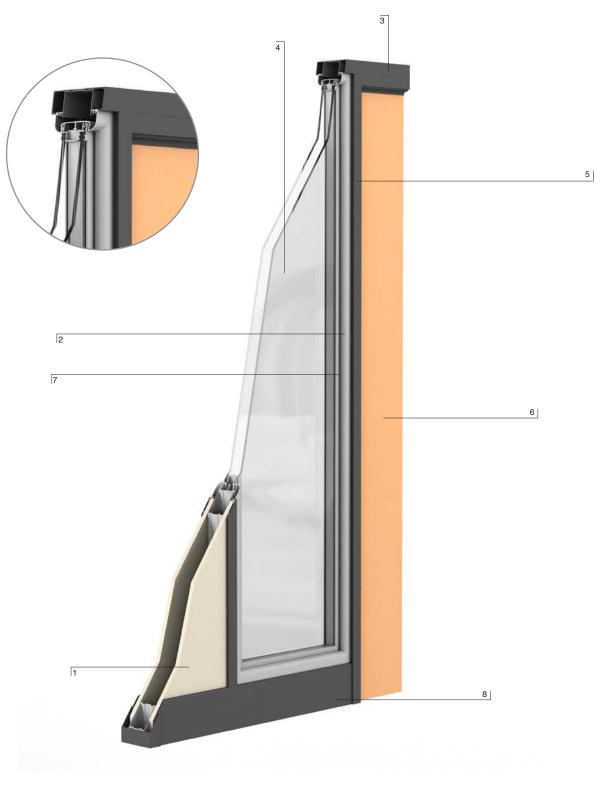
Aluminium profiles are available as either satin silver anodised grade AA5 or polyester powder coated, some profiles are ex-stock in RAL9010 and BS 00 A 05.

#### **Manifestations**

A range of glass manifestations can be supplied and fitted. All manifestation need to comply with Approved Doc M.



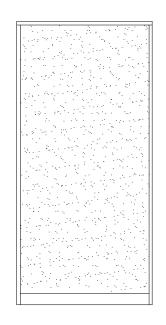


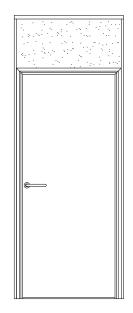


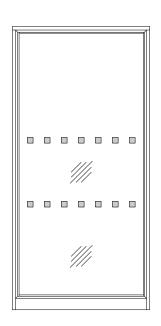
1] Plasterboard2] Window Frame3] Head Track4] Glazing5] Door Frame6] Door7] Glazing Chair and Bead8] Skirting

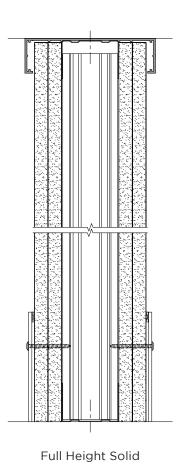
# **Performance Data**

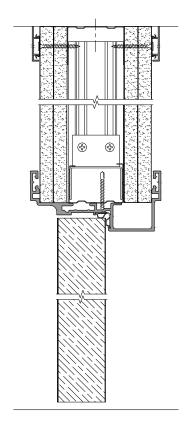
	Acoustic Performance	Fire performance	Structural Performance
Solid	up to 52dB	30/0	Heavy Duty at 3m high
Single Glazed (centre glazed)	up to 34dB	30/0	Severe Duty at 3m high
Single Glazed (offset glazed)	up to 34dB	30/0	Severe Duty at 3m high
Double Glazed	up to 40dB	30/0	Severe Duty at 3m high

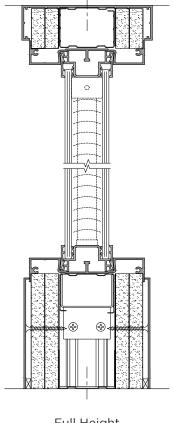






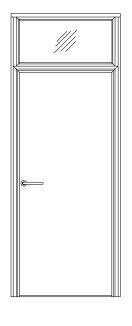


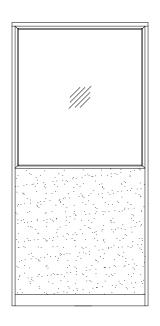


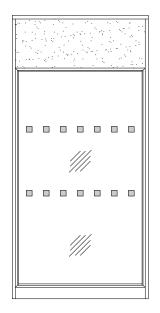


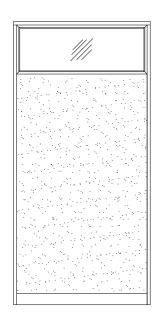
Timber Door with Solid Above

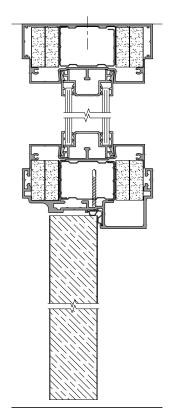
Full Height Double Glazed (Face Fix Skirting)



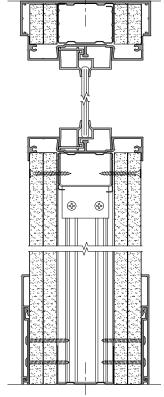




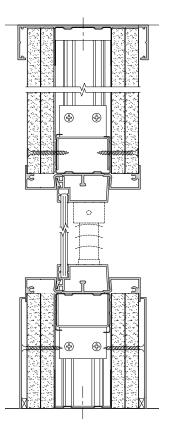




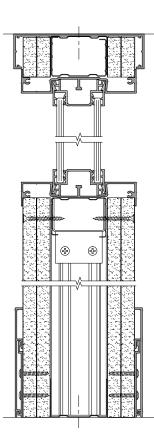
Timber Door with Double Glazed Above



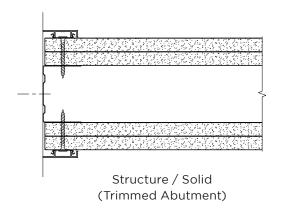
Half Height Solid with Centre Glazed Above (Square Clip-On Skirting)

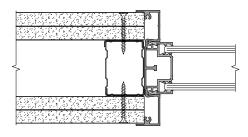


Offset Glazed to Head Height with Solid Above (Face Fix Skirting)

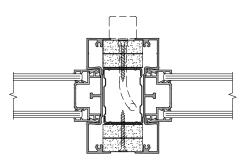


Solid to Head Height with Double Glazed Above (Square Clip-On Skirting)

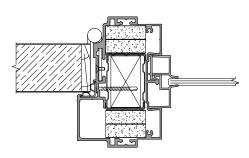




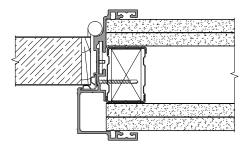
Solid / Double Glazed



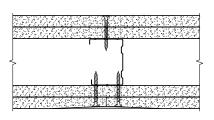
Double Glazed / Double Glazed



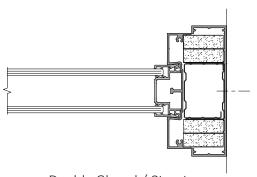
Square Door Frame / Centre Glazed



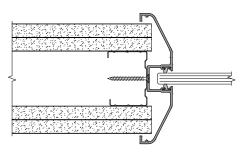
Square Door Frame / Solid



Solid / Solid (Taped and Jointed)



Double Glazed / Structure (Channel Abutment)



Longline Vision Integration

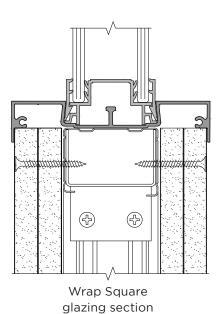
## **Glazing Options**

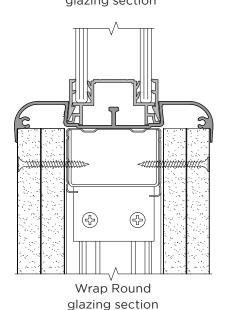
Longline 100 offers a range of glazing build options that includes square and radiused profiles with cover trims, and also square and radiused wrap-around glazing details.

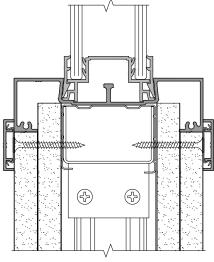
The wrap-around detail enables glazing frames to be installed quickly and progressively within the project program.

A range of notched transoms are available which enable glazed window frames or transoms to be installed in solid drywall without cover trims.

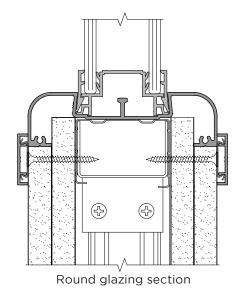


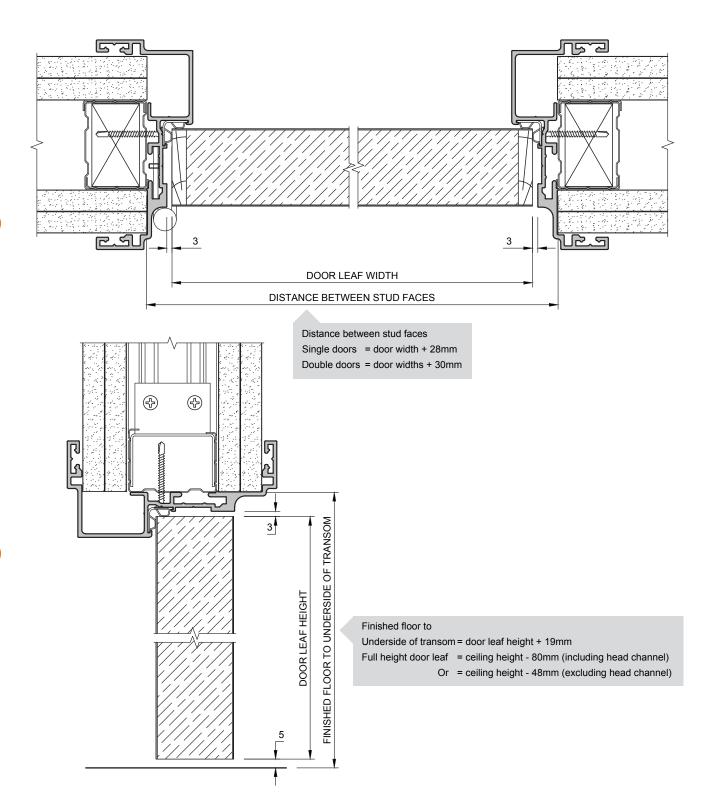




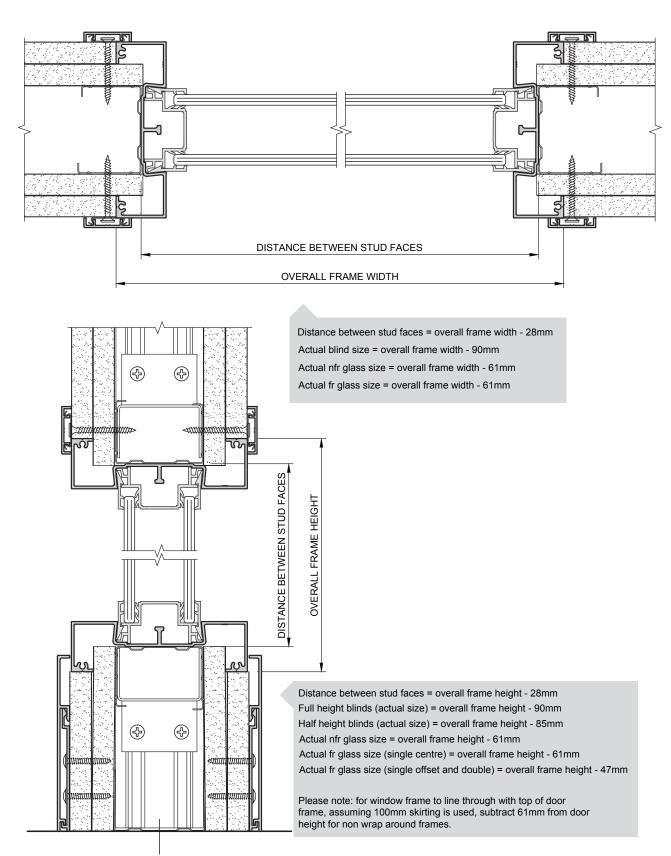


Square glazing section

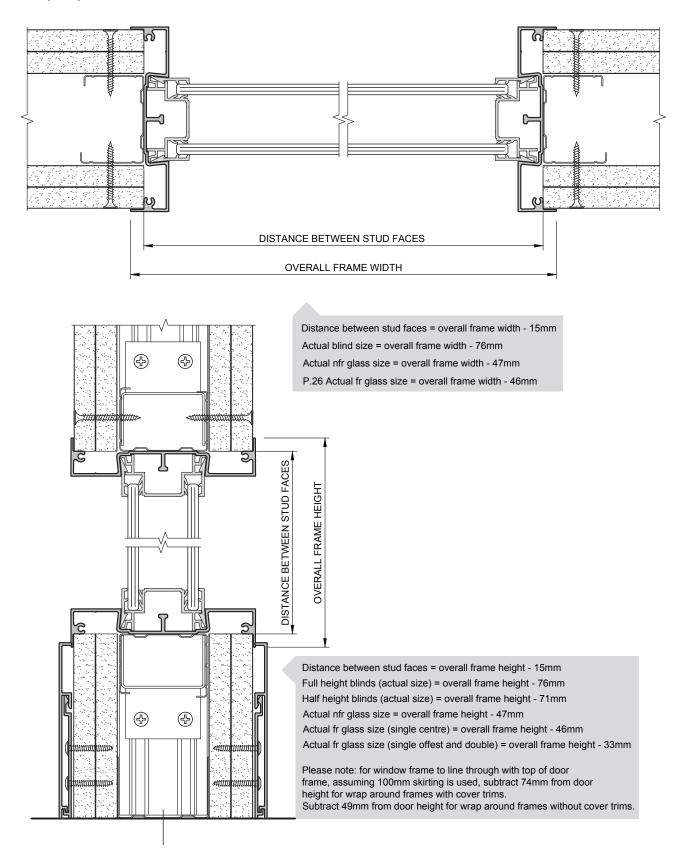




# Non wrap square window frames



# Wrap square window frames



Profile	Product Ref / Description	Nominal Length (mm)
	DT7.4.40.100 mm   Unit of Objects	3000
	PT3442 100mm Head Channel	3600
2	PT2047 Head / Wall Abutment Cover Trim	3600
	PT090 Head Channel Splice Plate 90° (Galvanized)	-
	PT135 Head Channel Splice Plate 135° (Galvanized)	-
	PT180 Head Channel Splice Plate 180° (Galvanized)	2400
		2700
}	50mm Galvanised Steel Stud	3000
L)		3600
	STUD50R1163J 50mm Stud Section for 1200mm Transom	1200
	STUD50R0864J 50mm Stud Section for Door Transom	838
⊕ ⊕	PFIL1200 Bracket for 50mm Stud Transom	-
	52mm Floor Track 35mm Leg	3000
	DSW28X43X27 Softwood Stud Infill for 50mm Stud	3000
	73mm Galvanised Stud	2700 3000 3600
	73mm Stud Section for 1200mm Transom	1200
	Bracket for 73mm Stud Transom	838
	DSW28X66X27 Softwood Stud Infill for 73mm Stud	3000
	PFILI200 35 x 1200mm Plasterboard Fillet	1200
	75mm Floor Track 35mm Leg	3000
	PT1054 Steel 135° Corner Liner (Galvanized)	3000
		2400
	PT0007 Aluminium Cover Trim	2700
	for use with Wrap Around Window Frames	3000
		3600 2400
	PT0008 FA2 Aluminium Cover Trim	2700
[1 5]	for use with Non Wrap Window Frames	3000
		3600
		2700
5	PT1055 Galvanised Clamping Strip	3000
		2700
7-11	PT1028 135° External Corner Cover Trim	3000
<b>\</b>		3600
		2700
	PT1029 135° Internal Corner Cover Trim	3000
		3600

Profile	Product Ref / Description	Nominal Length (mm)
	PT1039 90° Aluminium Clip-On Corner Angle	2700
		3000
<u>ا</u>		
		2700
	PT2039 90° Aluminium Clip-On Rounded Corner Angle	3000
		3600
		2700
	PT1040 Clip Section for 90° External Angle (Mill)	3000
		3600
	PT2020 System 4000 Adaptor Post for Vision Glazing	3000
Π	PT1030 Aluminium Angle 25mm	3000
		3600
	DT1006 Aluminium Angle 72mm	3000
	PT1006 Aluminium Angle 32mm	3600
	PT1031 Aluminium Angle 50mm	3000
		3600
		2600
7 6	SYS05 Omega Section (Galvanized ‡)	
	SYP11 PVC Omega Infill (Grey)	3000
	SYP11 PVC Omega Infill (White)	3000
ы	SYP11 PVC Omega Infill (Dark Grey) *RAL 7011	3000
	SYP11 PVC Omega Infill (Ivory) *RAL 1013	3000
	SYP11 PVC Omega Infill (Black) *RAL 9011	3000
	Touch-Up Paint Tin (125ml)	-
	Touch-Up Paint Spray (400ml)	-

Profile	Product Ref / Description	Nominal Length (mm)
Aluminium Skirting S	ections	
	PT1021 100mm Skirting Concealed Fixing (Insert)	3000
[	Skirting Infill (Grey / White / Black)	25m
	PT1034 100mm Concealed Fix Skirting Radiused	3000
7	PT1032 100mm Concealed Fix Skirting Square	3000
	PT1033 Fixing Clip for 100mm Concealed Skirting	-
	MC123 100mm Plastic Skirting (Black / White / Grey)	3000
	150mm Plastic Skirting (Black / White / Grey)	3000
Door Frame Compon	ents	
0 0	Lock Box	_
	R103 Hinge	-
F	Door Seal (Black /Grey)	1000 2050 3000
	Intumescent Strip	1050
	Fixing Screws - No.8 x 38mm (per pack)	-
	Steel Mitre Cleats	-
	PTGP6X45X100 Glazing Packers 6 x 4.5 x 100mm	-
	Fixing Kit for 5 Modules	-

Profile	Product Ref / Description	Nominal Length (mm)
100mm Door Frames		
		1981x838
	PT3004 Aluminium Square Universal Single Door Frame (NFR)	2040x826
		2040x926
		2040x926
	PT3004 Aluminium Square Handed Single Door Frame (NFR)	2400x838
		2900x838
		1981x1676
_	PT3004 Aluminium Square Double Door Frame (NFR)	2400x1676
		2900×1676
		1981x838
	PT3004 Aluminium Square Universal Single Door Frame (FD30)	2040x826
		2040x926
		2040x926
	PT3004 Aluminium Square Handed Single Door Frame (FD30)	2400x838
		2700x838
		1981x1676
	PT3004 Aluminium Square Double Door Frame (FD30)	2400x1676
		2700x1676
	PT2004 Aluminium Rounded Universal Single Door Frame (NFR)	1981×838
		2040x826
		2040x926
		2040x926
	PT2004 Aluminium Rounded Handed Single Door Frame (NFR)	2400x838
		2900x838
		1981x1676
	PT2004 Aluminium Rounded Double Door Frame (NFR)	2400x1676
		2900x1676
		1981×838
	PT2004 Aluminium Rounded Universal Single Door Frame (FD30)	2040x826
		2040x926
		2040x926
	PT2004 Aluminium Rounded Handed Single Door Frame (FD30)	2400x838
	PT2004 Aluminium Rounded Double Door Frame (FD30)	2400x1676
		2700x1676

Profile	Product Ref / Description (Actual sizes are measured from outside mitre ends)	Actual Size (mm)	Nominal Size (mm)
100mm Glazing			
	PT2010 Wrap Round Window Frame Mitred		1200 x 800
		1178 x 1178	1200 x 1200
	PT2011 Round Flat Back ( non wrap ) Window Frame Mitred	1193 x 813	1200 x 800
	T 12011 Nouther Hat Back (Horr wrap ) william Traine Filtred	1193 x 1193	1200 x 1200
	PT3010 Wrap Square Window Frame Mitred	1178 x 835	1200 x 800
		1178 x 1178	1200 x 1200
		1193 x 813	1200 x 800
	PT2012 Square Flat Back ( non wrap ) Window Frame	1193 x 1193	1200 x 1200
	PT3010 Wrap Square Window Profile		3600
	PT2012 Square Window Profile		3600
	PT2010 Wrap Round Window Profile		3000 3600
	PT2011 Rounded Window Profile		3600

Special sizes of all frames can be ordered on request. Please contact your local branch for all enquiries.

#### Please note

Nominal 800 high frames are sized to suit transom at dado height 1200 from floor level with window frame top to standard doorhead height 1200 high frames will give half glazed configuration (dado at 1200), frame head at 2330

Profile	Product Ref / Description	Nominal Length (mm)
Glazing Components		
	PT1024 Aluminium Single Glazing Chair	3600
	PT1025 Aluminium Single Glazing Bead	3600
	PT1026 Aluminium Double Glazing Chair	3600
٦	PT1027 Aluminium Double Glazing Bead	3600
b	Flipper Seal (Black)	1000
	PT2012T Aluminium Square Window Transom Notched	1200
	PT3010T Aluminium Wrap Square Window Transom Notched	1200
	Single Centre Plastic Glazing Chair (Black / White / Grey)	3600
	Single Centre Plastic Glazing Bead (Black / White / Grey)	3600
	Single Offset Plastic Glazing Chair (Black / White / Grey)	3600
	Double Glazed Plastic Glazing Chair (Black / White / Grey)	3600
F	Double/Offset Glazing Bead (Black / White / Grey)	3600
	PTEROSSSPVC Fire Rated Offset Chair	3600
	PTFRDGCPVC Fire Rated Double Chair	3600
	PTFROSDGPVC Fire Rated Double/Offset Glazing Wedge Bead	3600
	PT1050 Double / Offset Glazing Outer Liner	1100
	PT1051 Double / Offset Glazing Inner Liner	1100
1	DT10F2 Charl Circula Charican Li	1100
<u> </u>	PT1052 Steel Single Glazing Liner	2700



Longline Vision is a fully glazed frameless partitioning system that combines design aesthetics with outstanding performance. The system offers the opportunity to create partitioning without vertical mullions to a maximum height of 3000mm, and is available in Single and Double Glazed (105mm).

#### System Features

- A range of stocked head and base tracks to meet project demands
- Certified acoustic and structural performance
- Provides a seamless integration into drywall, to enable part glazed, part drywall installations
- Offered in a large variety of paint finishes

#### **Drywall Integration**

Longline Vision can be used as a stand alone glass partitioning system but is also designed to integrate with plasterboard ceilings and Longline Drywall.

Longline Vision allows for seamless integration from glass into solid. Glazed sections recess into drywall junctions to provide a single walled partitioning system of both glass and drywall.

#### **Glass Options**

A range of glass options is available including:

- Toughened
- Laminated
- Toughened and laminated
- Electric privacy glass
- Acoustic

#### **Finish**

Extruded aluminium profiles available as standard polyester powder coated in RAL9010 and RAL9006. Other colours available to order.

#### Manifestations

A range of glass manifestations can be supplied and fitted. All manifestations need to comply with Approved Doc M.

# **Fully Tested**

Longline Vision SG glass barriers have been tested to BS 5534 & BS 6180 standards and, under testing, achieved both a "Severe Duty" rating and an excellent "Crowd Pressure" rating of 3.00 kN/m without causing damage to the barrier or fixings. Therefore they are suitable for use as full height glass barriers in critical areas as stipulated within building regulations (Part K).

Further information is available on request.









# **Acoustic Performance Summary**

	Acoustic Performance
Longline Vision Single Glazed	Up to 39dB
Longline Vision Double Glazed	Up to 48dB

The data above reflects the results of actual tests conducted in November 2016 on constructions as they would be on site with no additions to aid performance. Certification data available on request.

# **Structural Performance Summary**

BS 5534 TESTING	Structural Performance
Longline Vision Single Glazed	Up to Severe Duty

BS 6180 TESTING	Structural Performance
Longline Vision Single Glazed	Suitable for use as a Barrier

#### I-Joint (Dry Joint, Clear PET-G)

The crystal clear I-Joint is a low profile dry joint which can be used instead of traditional silicone. It reduces construction build time on site while providing full de-mountability.

**Stop press!** Glass joints are also available in Piano Black as an alternative to the standard clear, offering a more contemporary look to Longline Vision installations — particularly where Black is the colour choice for the framing. A range of Black glass door furniture is also available to complement.

#### **Glass Installation**

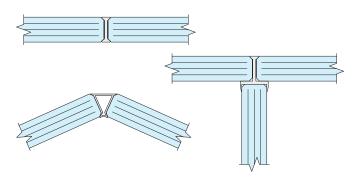
To provide the system's high standards, our own dedicated glass team install all glass for Longline Vision.

Once Longline Vision aluminium head and base tracks are fitted on site, a glass surveyor visits the project and ensures accurate measurements are taken for both glass and any integral blinds.

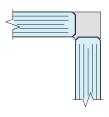
Standard glass (toughened / laminated) is installed usually within 5 working days. Specialist glass can take up to 4 weeks, subject to specification.

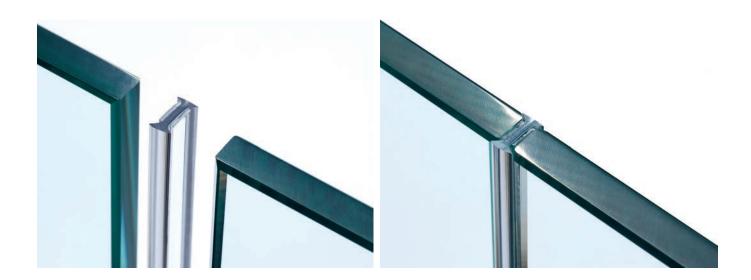
The glass team are also able to offer a range of bespoke glass services, to meet project requirements.

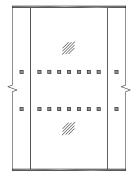
#### **I-Joint**

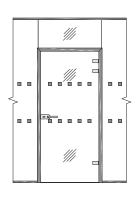


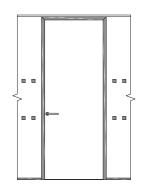
**PET-G Corner Joint** 

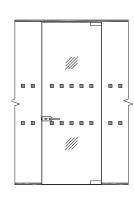


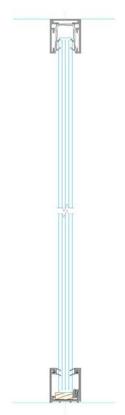




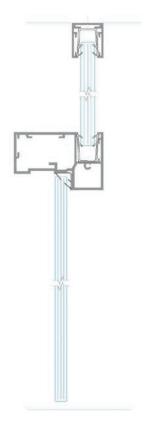








Full Height Single Glazed



Single Glazed Door to Head Height with Glazed Above

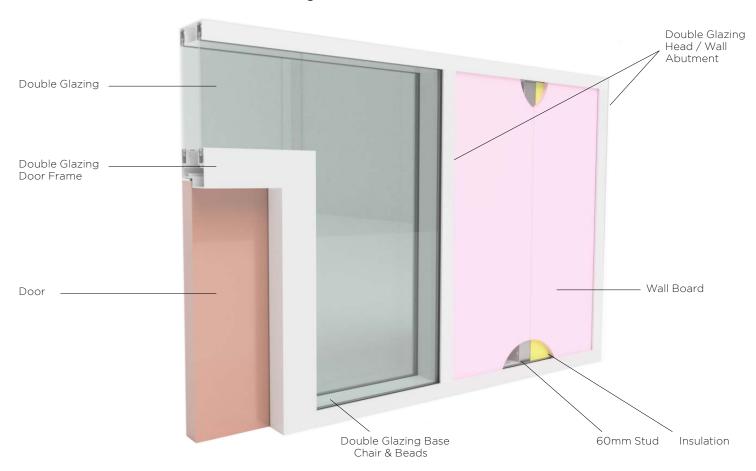


Full Height Timber Door



Full Height Frameless Glazed Door

# Vision Double Glazing to 100mm Solid Construction

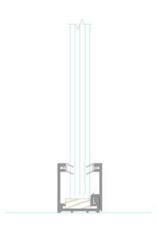


# Longline Vision typical elevations





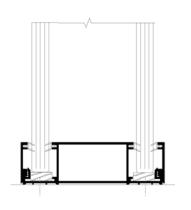
Single Glazed Head Track / U Insert



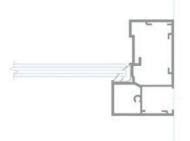
Single Glazed Chair / Glazing Bead / Flipper Gasket x2



Double Glazed Head Track / U Insert x2



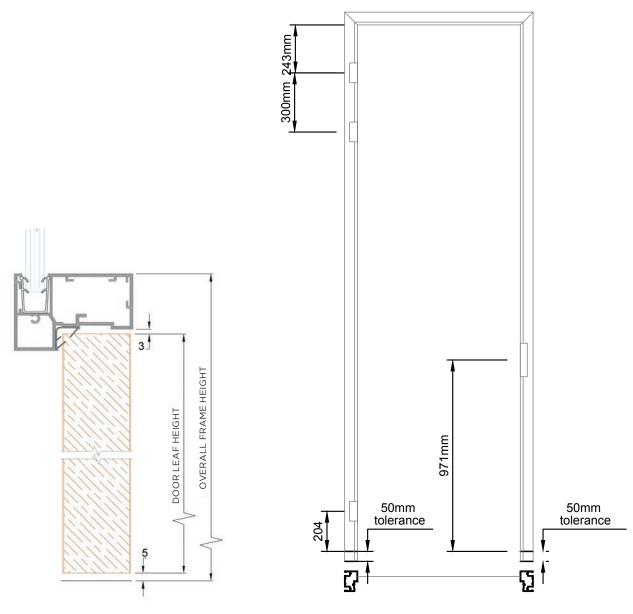
Double Glazed Chair / Glazing Bead x2 / Flipper Gasket x4



Single Glazed Door Frame to Solid Abutment

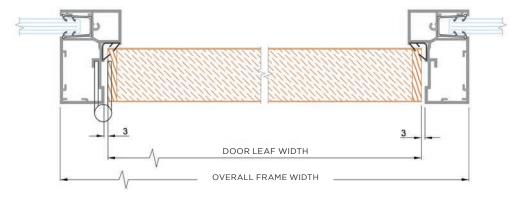


Single Glazed Door Frame Glass to Glass (Timber Door)



Overall frame height = door leaf height + 44mm

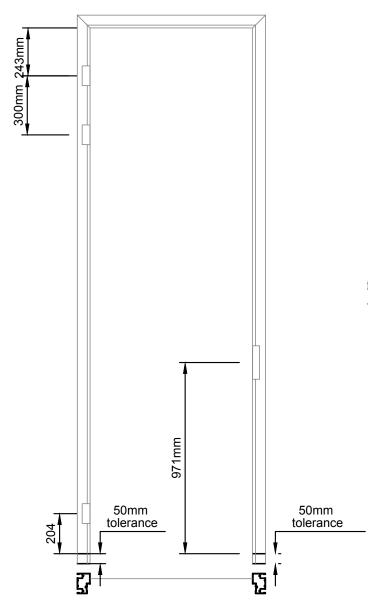
Typical set out of lock plate and hinges to suit timber door (2.7m) in Longline Vision frame.



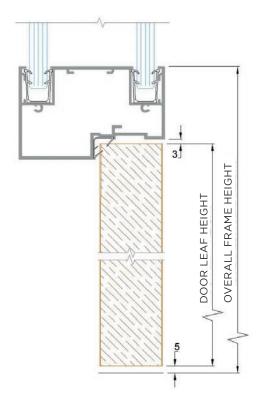
Overall frame width Single doors = door width + 78mm Double doors = door width + 80mm

Please note: for double doors add 2mm to the combined door leaf width.

Please note on a standard door 1981/2040 high, where required the lock strike is milled to locate the centre of the lever handle at 1021 (includes 50mm tolerance at bottom of frame leg for trimming on site to suit floor levels). Where doors are full height or non standard please specify the position of the strike when ordering.



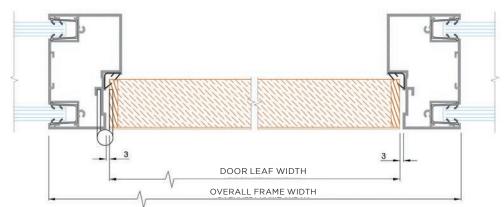




Overall frame height = door leaf height + 59mm

Overall frame width Single doors = door width + 108mm Double doors = door width + 110mm

Please note: for double doors add 2mm to the combined door leaf width.



Please note on a standard door 1981/2040 high, where required the lock strike is milled to locate the centre of the lever handle at 1021 (includes 50mm tolerance at bottom of frame leg for trimming on site to suit floor levels). Where doors are full height or non standard please specify the position of the strike when ordering.

Profile	Product Ref / Description	Nominal Length (mm)
	Single Glazing Head / Wall Channel (Standard 30mm)	3000
	Single Glazing Chair	3000
	Glazing Bead (1 no Required per 3000mm Single Glazing run or 2 no for Double Glazing)	3000
	Single Glazing Head / Wall Channel (40mm)	3000
Single glazing door frame kits (inc. hin	ges, seals, brackets etc.)	
	Single Glazing Door Frame Pack (Timber Door: milled for and including hinges and strike)	1981 x 838
	Single Glazing Door Frame Pack (Timber Door: milled for and including hinges and strike)	2040 x 926
	Single Glazing Door Frame Pack (Timber Door: milled for and including hinges and strike)	2700 x 926
	Single Glazing Door Frame Pack (Double Timber Door: milled for and including hinges and strike)	1981 x 1676
	Single Glazing Door Frame Pack (Glass Door: No millings for hinges or strikes unless requested at time of order)	Up to 2040 x 926
	Single Glazing Door Frame Pack (Glass Door: No millings for hinges or strikes unless requested at time of order)	Up to 3000 x 926
	Single Glazing Door Frame Pack (Double Glass Door: No millings for hinges or strikes unless requested at time of order)	Up to 3000 x 1852

Profile	Product Ref / Description	Nominal Length (mm)
	Double Glazing Head / Wall Channel	3000
	Double Glazing Chair	3000
Double glazing door frame kits (inc. hinge	es, seals, brackets etc.)	
	Double Glazing Door Frame Pack (Timber Door: milled for and including hinges and strike)	1981 x 838
	Double Glazing Door Frame Pack (Timber Door: milled for and including hinges and strike)	2040 x 926
	Double Glazing Door Frame Pack (Timber Door: milled for and including hinges and strike)	2700 x 926
	Double Glazing Door Frame Pack (Double Timber Door: milled for and including hinges and strike)	1981 x 1676
	Double Glazing Door Frame Pack (Glass Door: No millings for hinges or strikes unless requested at time of order)	Up to 2040 x 926
	Double Glazing Door Frame Pack (Glass Door: No millings for hinges or strikes unless requested at time of order)	Up to 3000 x 926
	Double Glazing Door Frame Pack (Double Glass Door:  No millings for hinges or strikes unless requested at time of order)	Up to 3000 x 1852
Solid to Double glazing components		
	60mm Galvanised metal stud	
	Metal stud bracket	

Profile	Product Ref / Description	Nominal Length (mm)
	"Flipper" Glazing Gasket Per Each (2 no required per 3000mm Single Glazing run or 4 no for Double Glazing run)	3000
	PVC "U" Gasket (Black Only) Per Each (1 no required per Single Glazing run or 2 no for Double Glazing run)	3000
	Powdercoated Steel Capping Section (To blank off over Full Height Single Glass Door)	1000
	Powdercoated Steel Capping Section (To blank off over Full Height Double Glass Door)	2000
	MDF Full Height Door Frame Insert	-
	Pivot Block (Full Height Frameless Glass Door)	-
	End Cap (Frameless Glass Doors) (2 no required)	-
2	Acoustic Door Frame Seal (Stocked in 3000mm lengths in Black)	-
	Straight Cleats	-
	90 Degree Cleats	-
	135 Degree Cleats	-



Longline XP frames are a range of expandable depth door and window sets that can be installed into either plasterboard partitions or brick and block walls between 74mm and 225mm thick.

Longline XP frames are fully depth adjustable and are not reliant on set wall thicknesses or perfectly square openings. Manufactured from aluminium both the door and window frames can provide up to 60 minutes fire resistance, integrity only.

All door and window frames are supplied factory assembled as fully finished door or window sets. Door sets are supplied with the appropriate sized door frame and a factory fitted door leaf, complete with contents panel and any non-protruding ironmongery. Window sets are supplied with the appropriately sized frame and glass.

Reducing on site installation time the frames can be installed within 20 minutes. Once unpacked, the pre-hung door lifts off and the frame separates into an inner and outer frame. Once fitted, architraves, door stops or glazing beads are then effortlessly clipped into place. The door leaf is then lifted back into the frame and the remaining ironmongery, levers, pull handles and door closer are fitted.

To meet the varying wall thicknesses, three different sized frames are available with either rounded or square clip-on architraves or stops:

#### Standard:

- For wall thicknesses between 74mm and 123mm *Intermediate:*
- For wall thicknesses between 118mm and 165mm *Jumbo:*
- For wall thicknesses between 133mm and 225mm

#### Performance

Both door frames and single and double glazed window frames can be supplied as non-fire rated, 30 minute or 60 minute fire rated.

Single glazed windows can provide up to 37dB acoustic attenuation. Double glazed windows can provide up to 40dB, subject to frame thickness.

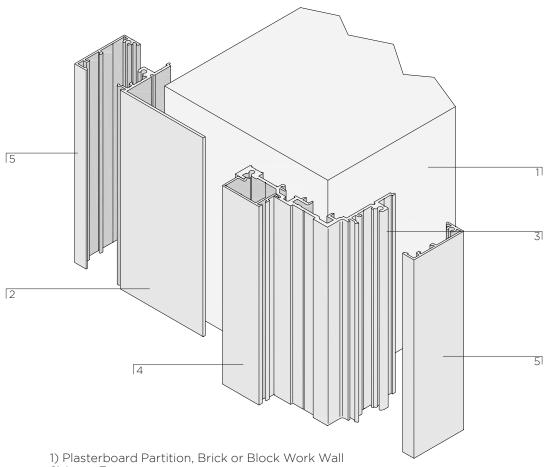
#### Finish

Longline XP frames are supplied either as satin silver anodised grade AA5 or polyester powder coated.





# **Typical Construction**



- 2) Inner Frame
- 3) Outer Frame
- 4) Clip-on Door Stop
- 5) Clip-on Architrave

# **Acoustic and Fire Performance Summary**

	Fire Performance	Acoustic Performance
Door frame fitted with 44mm Wood Flush Door	NFR / FD 30	Up to 33dB
Door frame fitted with 54mm Wood Flush Door	FD 60	Up to 40dB
Standard / Jumbo Window frame - single glazed	NFR / FD 30 / FD 60	Up to 37dB
Standard / Jumbo Window frame - double glazed	NFR / FD 30 / FD 60	Up to 40dB

Performance is based on frame and door/door set being installed in a structure of equivalent or better performance. Fire rated door frames have been tested and certified using Longline 1000 Stud and Track; performance in other manufacturers' stud systems cannot be guaranteed. All fire rated frames built in traditional drywall require either a minimum mullion width of 380mm or a 90mm to 380mm fire rated mullion.

Longline XP door sets are available to suit both 44mm and 54mm doors standard and bespoke door leaves as single, double, equal or unequal pairs, full height doors or doors with over-panels.

Popular sizes to suit range of stocked doors are:

1981 x 762mm 1981 x 838mm

2040 x 726mm 2040 x 826mm 2040 x 926mm

2700 x 838mm 2700 x 926mm

Non-standard sized single and double door frames can accept a maximum door leaf size of 2700 x 926mm. For doors larger than 2700mm x 926mm, please contact our technical department for guidance.

#### **Performance**

Door frames fitted with a 44mm door leaf can be supplied as non-fire rated or 30 minute rated. Door frames fitted with a 54mm door leaf can be supplied as 60 minute fire rated.

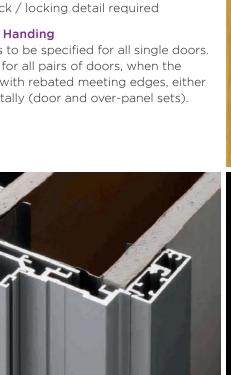
### Specifying your Door Set

When specifying / ordering any XP door set, the following details are required:

- 1) Size of frame or opening, including wall thickness
- 2) Door frame colour and profile detail (radiused or square)
- 3) Door performance, leaf size and handing
- 4) Door finish
- 5) Details of any vision panels
- 6) Ironmongery pack / locking detail required

#### Door Leaf Size and Handing

Door handing needs to be specified for all single doors. Handing is required for all pairs of doors, when the doors are specified with rebated meeting edges, either vertically or horizontally (door and over-panel sets).



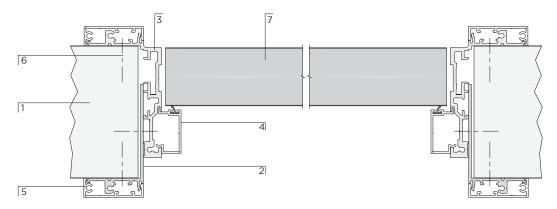
Door frame with square profiles



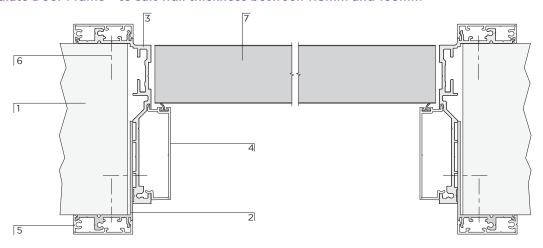


Door frame with radiused profiles

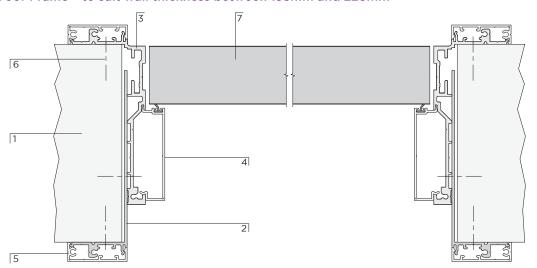
# Standard Door Frame - to suit wall thickness between 74mm and 123mm



#### Intermediate Door Frame - to suit wall thickness between 118mm and 165mm



# Jumbo Door Frame - to suit wall thickness between 133mm and 225mm



- 1) Plasterboard Partition, Brick or Block Work Wall 2) Inner Frame 3) Outer Frame
- 4) Door Stop 5) Clip-on Architrave 6) Fixings 7) Door

Longline XP window sets are available in both single and double glazed and can be installed into either plasterboard partitions or brick and block walls between 74mm and 225mm thick.

All window frames are supplied factory assembled as fully finished window sets with the appropriately sized frame and glass.

#### Standard:

- For wall thicknesses between 74mm and 123mm
   Intermediate:
- For wall thicknesses between 118mm and 165mm
   Jumbo:
- For wall thicknesses between 133mm and 225mm

#### **Window Frame Sizes**

XP window frames can be manufactured in any size to a maximum frame size of 3000 x 1200mm, subject to fire rating.

We also offer a range of three standard frame sizes complementing a standard door height of 2040mm. The overall sizes of these frames are: 2097 x 400mm 2097 x 1200mm 1200 x 1200mm

#### **Performance**

Both single and double glazed window frames can be supplied as non-fire rated, 30 minute or 60 minute fire rated. Single glazed windows can provide up to 37dB acoustic attenuation. Double glazed windows can provide up to 40dB, subject to frame thickness.

#### **Glass Thickness**

A range of glass thicknesses can be specified. Single glazed glass sizes – non-fire rated:

- 6mm, 8mm, 10mm, 12mm (Standard Only), 15mm
   Single glazed glass sizes 30 minute and 1 hour fire rated:
- 6mm, 8mm, 10mm, 12mm (Standard Only), 16mm
   Double glazed glass size non-fire rated, 30 minute fire rated, 60 minute fire rated:
- 6mm

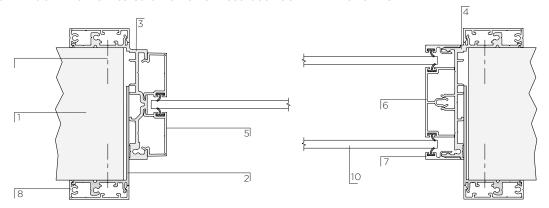
# **Integral Blinds**

A range of integral venetian blinds are available for installation within double glazed windows. Blind tilt can be controlled using a simple turn knob fitted to the frame or structure.

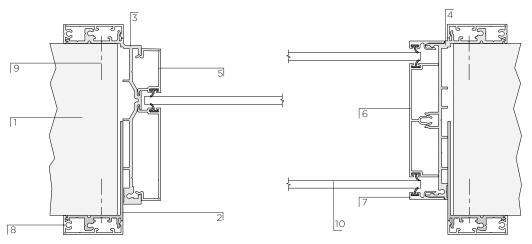




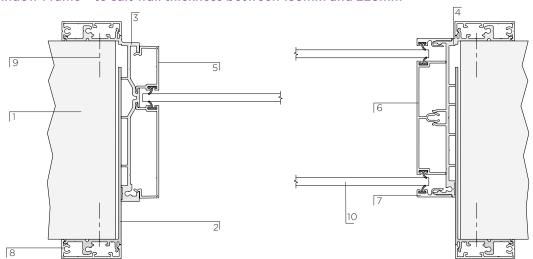
#### Standard Window Frame - to suit wall thickness between 74mm and 123mm



# Intermediate Window Frame - to suit wall thickness between 118mm and 165mm



## Jumbo Window Frame - to suit wall thickness between 133mm and 225mm



- 1) Plasterboard Partition, Brick or Block Work Wall 2) Inner Frame 3) Single Glazed Outer Frame
- 4) Double Glazed Outer Frame 5) Single Glazing Bead 6) Double Glazing Channel 7) Double Glazing Bead
- 8) Clip-on Architrave 9) Fixings 10) Glass

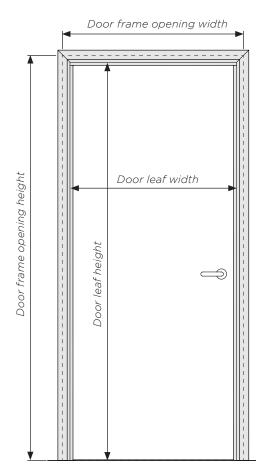
Longline XP door frames are manufactured to fit standard sized door leaves; openings need to be created to allow the door frame to fit. To calculate the door opening required from a standard size door, you need to use the following formula:

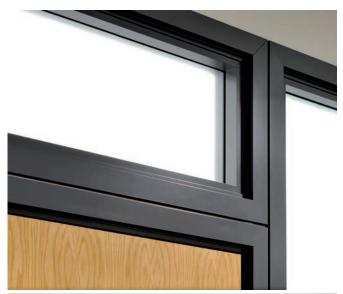
Door frame opening = door height + 26mm, door width + 40mm

(All opening sizes allow a 2mm tolerance between the inside of the frame and structure, to allow for any deviation within the structure).

# Standard door frame sizing guide:

Door size		Frame size		Opening size	
h	W	h	W	h	W
1981	762	2048	884	2007	802
1981	838	2048	960	2007	878
2040	726	2106	849	2066	768
2040	826	2107	948	2066	866
2040	926	2107	1048	2066	966
2700	838	2767	960	2726	878
2700	926	2767	1048	2726	966











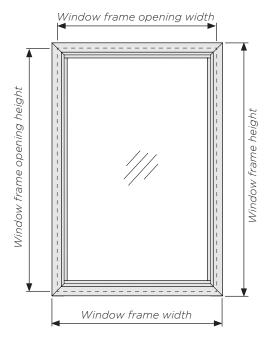
Longline XP window frames can be manufactured up to a maximum of  $3000 \times 1200 \text{mm}$  (Note: for full height windows, the opening starts at 51mm from finished floor level). To calculate the overall window frame opening required, you will need to use the following formula:

Window frame opening = window frame height /width - 82mm

(All opening sizes allow a 2mm tolerance between the inside of the frame and structure to allow for any tolerances within the structure. The clear viewing area is 147mm less than the overall frame size).

#### Standard window frame sizing guide

Glass size		Frame	e size	Opening size		
h	W	h	W	h	W	
1972	275	2097	400	2015	318	
1972	1075	2097	1200	2015	1118	
1075	1075	1200	1200	1118	1118	



#### **Door Set Installation**

#### Step One - Unpack and Prepare

- 1. Unwrap pre-assembled door and frame.
- 2. Carefully lift door leaf from hinges.
- 3. Check frame fits structural opening and that the door handing is correct.
- 4. Remove loose fitted architrave and door stops.

#### Step Two - Inner Frame

- 5. Offer inner frame into opening and centralise. Level door frame head and clamp into position.
- 6. Fix head through pre-drilled holes on the architrave carrier to the structure, using suitable fixings.
- 7. Level and plumb legs, pack at fixing points, as necessary, and clamp.
- 8. Fix legs through the pre-drilled holes on the architrave carrier to the structure using suitable fixings.

#### Step Three - Outer Frame

- 9. Offer outer frame into position, pull tight against inner frame and clamp.
- 10. Fix head through pre-drilled holes on the architrave carrier to the structure, using suitable fixings.
- 11. Within opening pilot drill though the pre-drilled holes in the outer frame into the inner frame.
- 12. Fix through holes into the structure using suitable fixings, ensuring the fixings are not over tightened.

#### Step Four - Doorstop

13. Starting with head, clip doorstops to outer frame.

#### Step Five - Architraves

14. Starting with head, clip architraves to inner and outer frames.

#### Step Six - Final Fix

- 15. Insert screws provided into corner mitres of architrave to pull architrave joint tight.
- 16. Lift door back into frame.
- 17. Fit levers / pull handle, door closer and door stop.

(Note: A thin flat filling knife or similar can be used to remove fitted architraves and doorstops).

#### Window Set Installation

#### Step One - Unpack and Prepare

- 1. Unwrap pre-assembled frame
- 2. Check frame fits structural opening
- 3. Remove loose fitted architrave and glazing beads.

(Note: For fire rated constructions the outer frame should be positioned towards the fire risk side of the wall, as should the non-fire rated glass where window frames are double glazed).

#### Step Two - Inner Frame

- 4. Offer inner frame into opening and centralise. Level window frame head and clamp into position.
- 5. Fix head through pre-drilled holes on the architrave carrier to the structure, using suitable fixings.
- 6. Level and plumb frame, pack at fixing points, as necessary, and clamp.
- Fix vertical frame, then base, through the pre-drilled holes on the architrave carrier to the structure, using suitable fixings.

#### Step Three - Outer Frame

- 8. Offer outer frame into position, pull tight against inner frame and clamp.
- 9. Fix outer frame through the pre-drilled holes on the architrave carrier to the structure, using suitable fixings.

#### Step Four - Glazing (Single Glazed)

- 10a. For fire rated constructions, wipe the perimeter of the glass clean on both sides with an alcohol wipe and allow to dry.
- 10b. Bond the intumescent supplied to the glass on both sides, positioning it approximately 1mm from the glass edge.
- 11. Install glass to frame.
- 12. Starting with head and base, clip first glazing bead to the outer frame.

#### Step Four - Glazing (Double Glazed)

The central glazing channel is factory fitted to the frame, leaving glazing and external beads to be fitted. (Note: For fire rated constructions, the fire glass should be installed on the side being protected).

- 10a. For fire rated constructions, wipe the perimeter of the glass clean on both sides with an alcohol wipe and allow to dry.
- 10b. Bond the intumescent supplied to the glass on both sides, positioning it approximately 1mm from the glass edge.
- 11. Install glass to first side.
- 12. Starting with head and base, clip first glazing bead to the outer frame.
- 13. Install glass to second side.
- 14. Starting with head and base, clip second glazing bead to the outer frame.

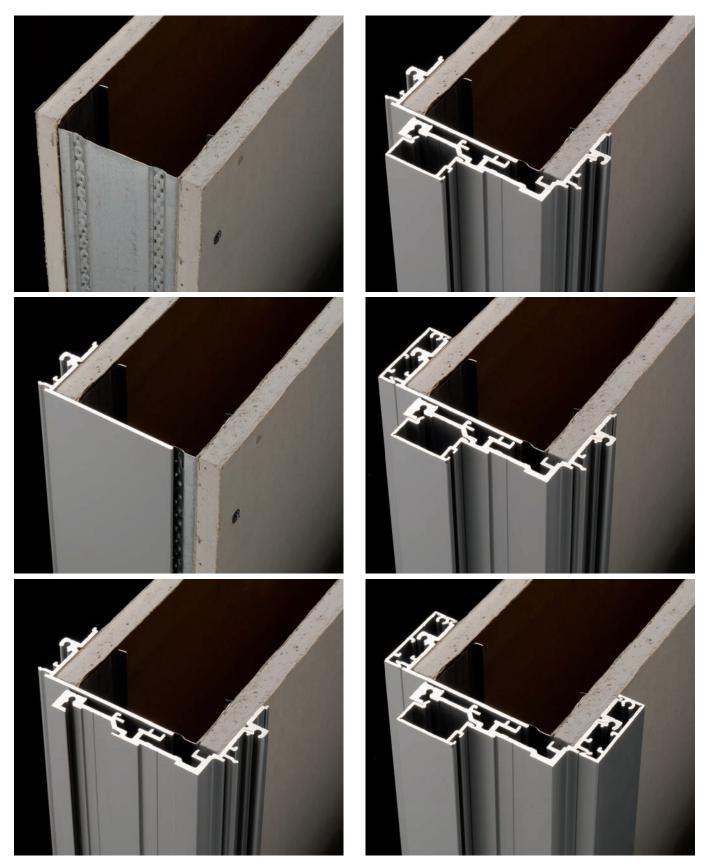
#### Step Five - Architraves

 Starting with head and base, clip architraves to inner and outer frames.

# Step Six - Final Fix

 Insert screws provided into corner mitres of architrave to pull architrave joint tight.

(Note: A thin flat filling knife or similar can be used to remove fitted architraves and glazing beads).



The 6 images above show the installation steps for a Longline XP Doorframe. Please note that the inside frame section is the same profile for both window and door sets, it is only the outer section, on the windows, dependant on the glazing configuration that differ.

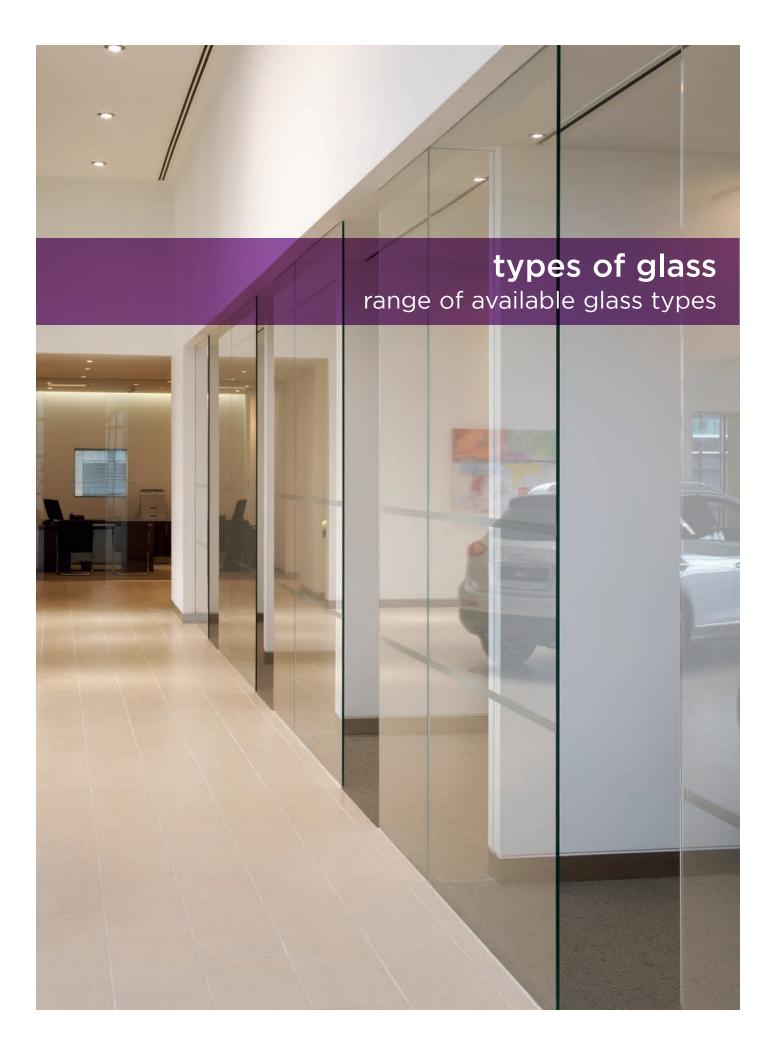
# glass







types of glass and partitioning	75
build heights range of available types	79
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We are able to offer a range of glass types and thicknesses depending on the partitioning system selected, the fire performance required and the strength and stability required. Our technical team is able to offer advice to ensure the correct glass is installed either to BS5234 or BS6180.

Please see below and opposite a summary of the glass types we offer and indicative build heights for each of our glazed partitioning systems.

Glass is available in many forms, a description of each glass type is below:

#### **Annealed Glass**

Annealed glass is glass without internal stresses caused by heat treatment. Float glass is annealed during the process of manufacture. Standard annealed glass breaks into large, jagged shards that can cause serious injury, and thus, the reason it is considered a hazard in architectural applications and is only offered in laminated forms.

#### **Toughened Glass**

Toughened glass is a type of safety glass that has increased strength and will usually shatter in small, square pieces when broken. It is used when strength, thermal resistance and safety are important considerations. Toughened glass is typically four to six times the strength of annealed glass.

#### **Heat-Strengthened Glass**

Heat-strengthened glass is glass that has been heat treated to induce surface compression, but not to the extent of causing it to "dice" on breaking in the manner of tempered glass. As with standard annealed glass on breaking, heat-strengthened glass breaks into sharp pieces that are typically somewhat smaller than those found on breaking annealed glass, we only offer heat-strengthened glass in laminated forms.

#### Annealed, Toughened and Heat-strengthened Laminate

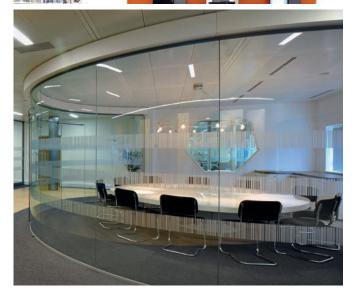
Laminated glass is manufactured by bonding two or more layers of annealed glass or heat-strengthened glass together with layers of PVB, under heat and pressure, to create a single sheet of glass. When broken, the PVB interlayer keeps the layers of glass bonded and prevents it from breaking apart.

# Annealed, Toughened and Heat-strengthened Acoustic Laminate

As laminated glass however the interlayer can give the glass a higher sound insulation / attenuation rating.







#### Low iron Glass

We are able to offer low iron glass for all of our partitioning systems and glass types. Low iron glass is ultra clear, practically colourless and provides a higher degree of light transmittance than standard clear glass. This optimum clarity is achieved by removing most of the iron oxide content used to produce glass.

#### **Heat Soaked Glass**

On rare occasion toughened glass can break in service for no apparent visual reason. This can be caused by a number of reasons including on site damage, impact or inclusions within the glass.

Heat-Soaking is a destructive process in which a pane of toughened tempered glass is subjected to temperatures up to 280° C for several hours over a specific temperature gradient to induce fracture. This test insures that if there is probability of breakage then the infected panes break inside the furnace at the factory itself reducing the chances of breakages after installation.

#### **Privacy Glass**

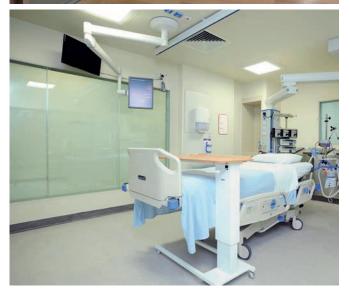
Electronically controlled smart glass offers high levels of privacy at the flick of a switch. A liquid crystal layer within the glass enables the glass to be switched from clear to opaque within 20 microseconds. Privacy glass offers an alternative to integral blinds and is ideal for office, healthcare and leisure partitioning installations.

#### **Fire Rated Glass**

As part of our Longline Partitioning range Nevill Long is now able to provide high performance, fully tested fire rated glass for use in our Longline 75, 100 and Vision systems. See page 3 for more details.

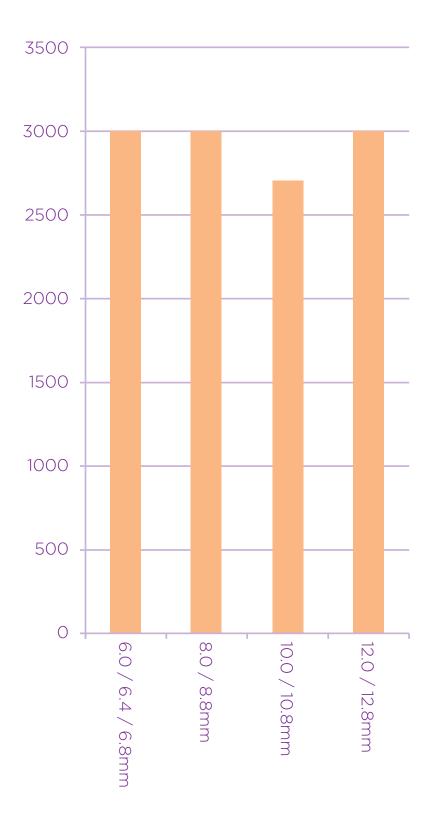






	Toughened *	Annealed Laminate *	Toughened Laminate *	Annealed Acoustic Laminate *	Toughened Acoustic Laminate *	Toughened Heat-strengthened Laminate	Toughened Heat-strengthened Acoustic Laminate	Longline 50	Longline 75	Longline 100	Longline Vision	Longline XP frames	Suitable for Mitred Edge	Suitable for C-Joint	Available as Heat Soaked	Available in Low Iron
6mm	×							×	X	X		X	Y		Υ	Y
6.4mm		X						X	X	X		X	Y			Y
6.8mm				X				×	X	X		X	Y			Y
8mm	X											X	Y		Υ	Y
8.8mm		X		X								X	Y			Y
10mm	X										X	X	Y	Υ	Υ	Y
10.8mm		X		X							X	X	Y	Υ		Y
12mm	X										X	X	Y	Υ	Y	Y
12.8mm		X		X							X	X	Y	Y		Y

<sup>\*</sup> Suitable for curving



The figures above are an indication only based on medium duty to BS5234-2. For further details please contact our technical department.





#### **Silicone**

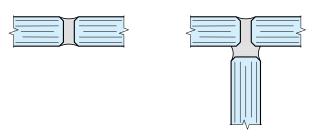
Traditionally fully glazed systems have used silicone for the glass jointing method. Silicone provides a clean aesthetic finish to glass joints but requires a clean site, to avoid dust settling during the 24 hour curing period. Post installation, to remove a glass pane, to maintain blinds or to relocate the system, any silicone needs to be cut away and time allowed to clean the glass edge.

# I-Joint (Dry Joint, Clear PET-G)

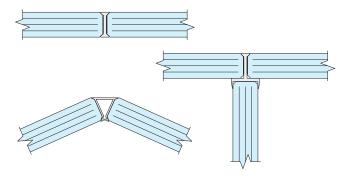
The crystal clear I-Joint is a low profile dry joint which can be used instead of traditional silicone.

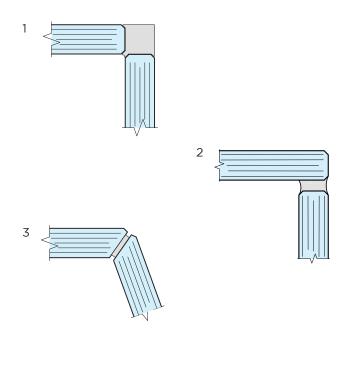
The PET-G joint is recyclable and offers the lowest carbon footprint, in comparison to other plastics. For fire performance systems, up to 60/60 at 3m high, an opaque H-joint is utilised.

#### Silicone



#### I-Joint (Dry Joint, Clear PET-G)





#### **Corner Joints**

A number of different options are available for jointing 90° corners:

- PET-G standard 90° for use with 10/12mm c-jointed glass.
- 2. Silicone glass can be jointed at 90°, to provide a clean end of line finish. (For single glazed only).
- 3. 2mm self-adhesive tape for use on ground mitre edges.
- 4. H-joint corner section clear dry joint which is designed to work with the H-Joint.

Taped joints are used for irregular angles.

#### **Glass Installation**

To provide the system's high standards, our own dedicated glass team install all glass for Longline Vision

Once Longline Vision aluminium head and base tracks are fitted on site, a glass surveyor visits the project and ensures accurate measurements are taken for both glass and any integral blinds.

Standard glass (toughened / laminated) is installed within 5 working days. Fire glass / specialist glass can take up to 4 weeks, subject to specification.

The glass team are also able to offer a range of bespoke glass services, to meet project requirements.









We offer a comprehensive range of framed and frameless single and double leaf doors. To ensure accuracy of measurements and installation all our glass doors are installed as part of our glazing service. The range of glass doors includes:

#### **Framed Glass Doors**

Single Glazed Doors: Our range of single glazed doors are suitable for all our leading partitioning systems including Longline 75, 100 and Vision. They can be supplied with up to 30 minutes fire rating. The door leaves can be hinged, with recessed frame hinges or pivoted with offset head and base ironmongery.

Doors frames for our systems can be supplied full height or with over panels. They can be fitted with a range of glass ironmongery including pull handles, locks and latches.

Acoustic drop door seals are available to enhance performance. The innovative new drop door seal on a glass partitioning door increases sound attenuation from 23dB to 32dB, for further details please contact a member of our technical team.

Double Glazed Doors: Our flush double glazed doors use a sandwich construction of 6mm glass either side of an aluminium frame, providing a finished overall thickness of 45mm. Flush glazed doors are hung on offset pivots and floor springs, and can also be fitted with pull handles, locks and latches.

# Frameless Glass Doors

We offer a range of frameless glass doors suitable for our fully glazed Longline Vision partitioning system. The range includes hinged doors, with patch fittings, and pivoted doors, with inline pivots.

#### **Sliding Glass Doors**

Maximising floor space, we offer a range of sliding doors including:

Longline Sliding Doors: Our standard sliding doors can be installed to either drywall openings or our fully glazed Longline Vision partitioning. Single and double door leaves can be supplied with a range of exposed glass ironmongery available.

Longline Sliding Doors SG: Our single glazed doors are single glass panes that complement our single glazed Longline Vision partitioning system. Doors are top hung from discreet rollers enabling them to slide effortlessly either alongside the partitioning or into drywall pockets.

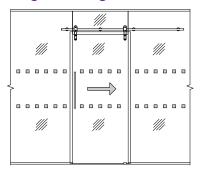
Longline Sliding Doors DG: Our double glazed doors are single glazed panes which discreetly slide into the cavity of our double glazed Longline Vision partitioning system.



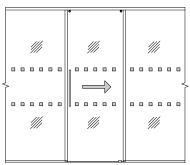




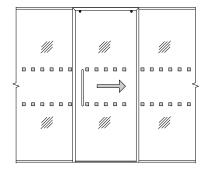
#### **Longline Sliding Door**



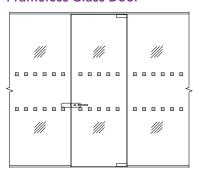
# **Longline Sliding Door SG**



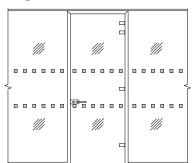
**Longline Sliding Door DG** 



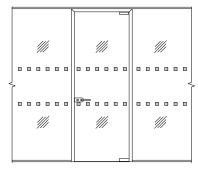
Frameless Glass Door



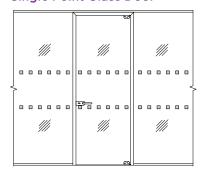
**Hinged Glass Door** 



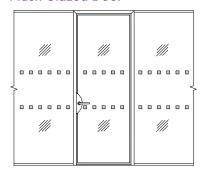
Offset Pivot Glass Door



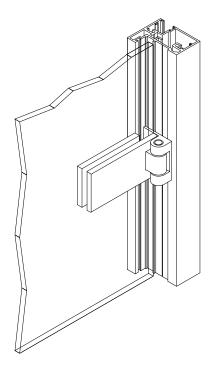
**Single Point Glass Door** 



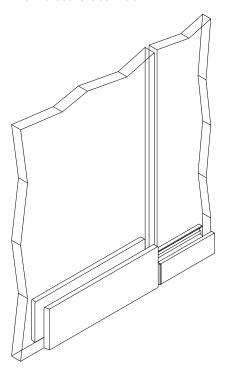
Flush Glazed Door



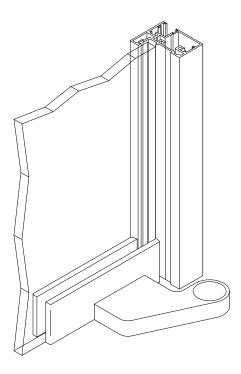
**Hinged Glass Door** 



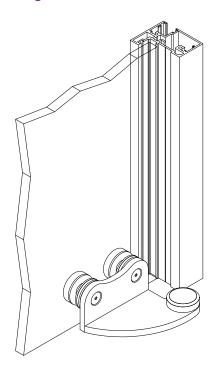
Frameless Glass Door

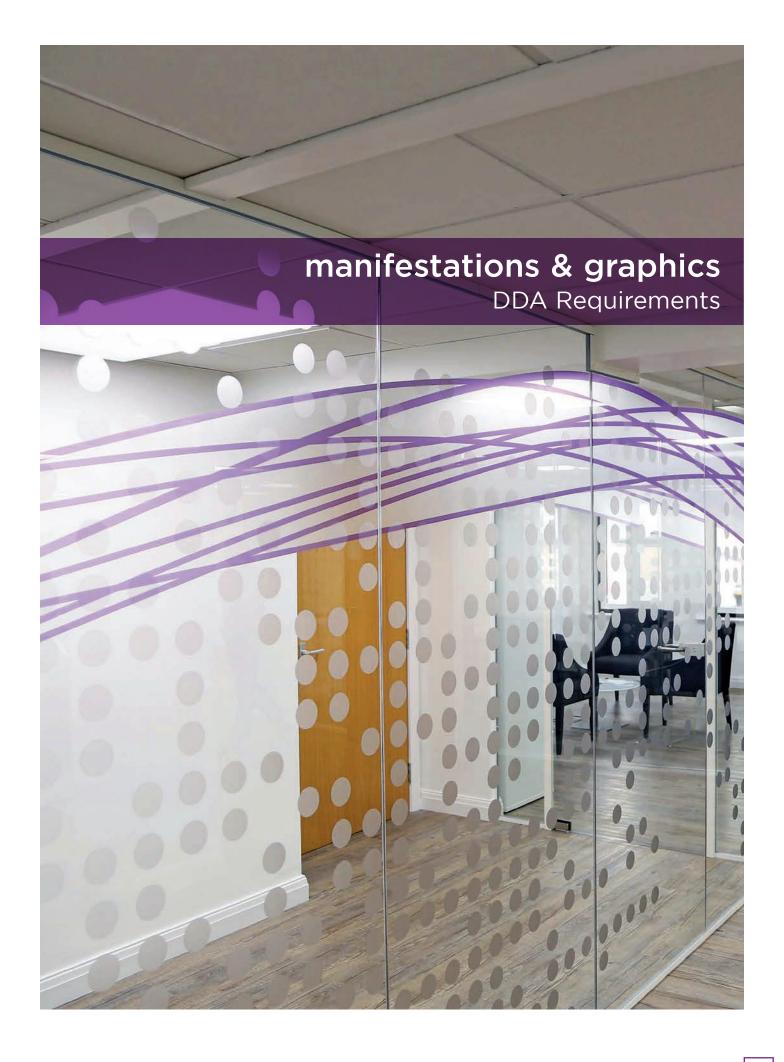


Offset Pivot Glass Door



Single Point Glass Door







#### **Manifestations**

DDA (Disability Discrimination Act)

Approved Document M sets out minimum requirements for glass manifestations. They must be clearly defined at two levels 850-1000mm and 1400mm-1600mm. They must contrast with the background in all lighting conditions.

The manifestations can take a number of forms; a single logo 150mm high repeated on each glass panel or 50mm high decorative bands. The manifestations are not limited to the single band areas and can also be located anywhere on the partitioning, as long as the two areas are included.

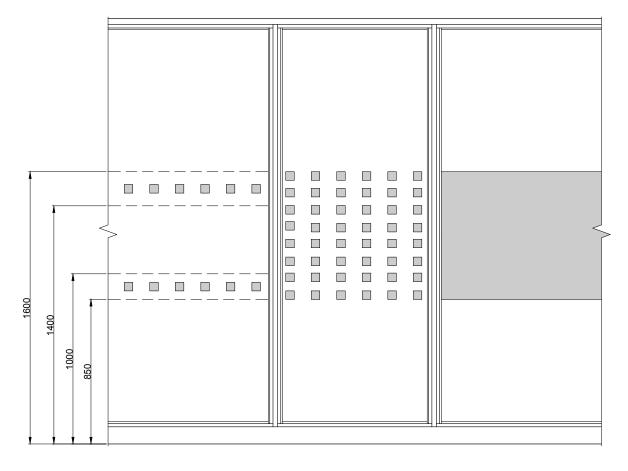
Manifestations are typically installed on site using a vinyl graphic. These specialist vinyl graphic products generically known as 'Manifestation Graphics' offer a flexible low cost alternative to the traditional acid etching or sand blasting of glass.

Manifestations can be installed on the face or the reverse of the glass. We recommended that in some sectors, including education, the vinyl is installed on the reverse face / inside face of double glazing to ensure that the vinyl is protected against any accidental damage. For installations where a duty of care is evident, or environments where the manifestation may change regularly, it is recommended to install the graphic on the outside face.

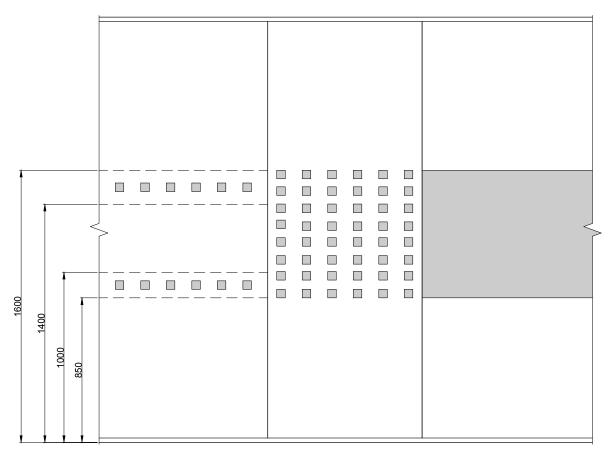








# **Longline Vision manifestations**



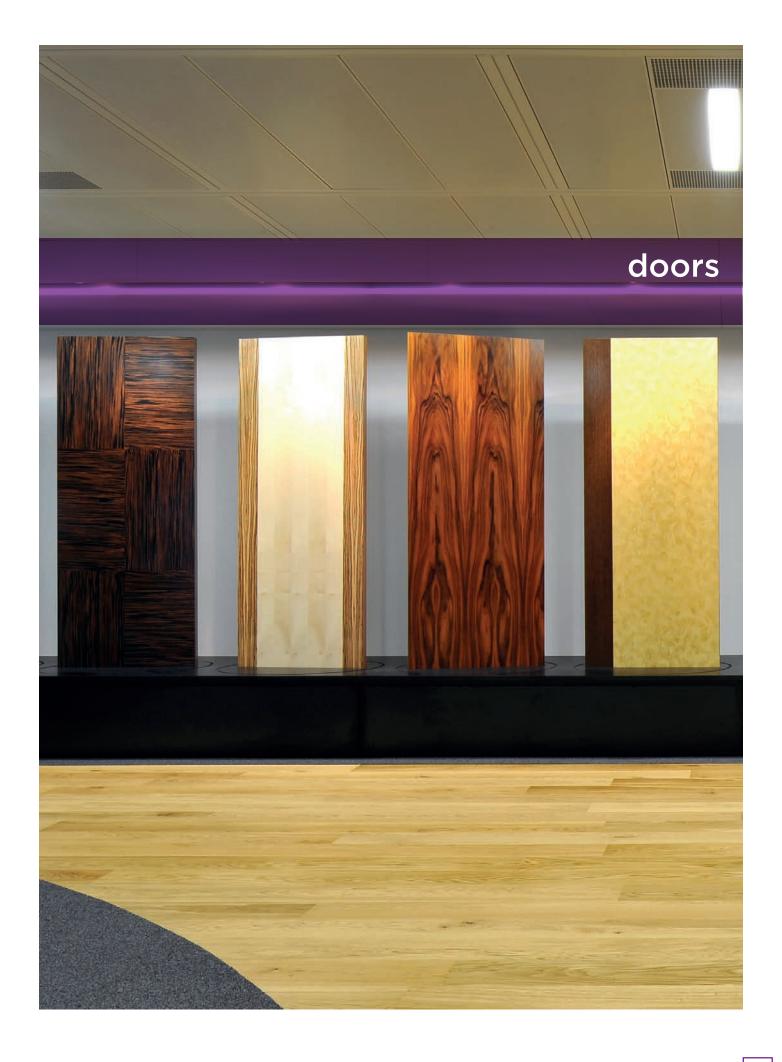
# doors







standard veneer finishes	95
44mm cellular core doors, NFR,	
clear glass	96
44mm solid core doors, NFR,	
clear glass	97
44mm solid core doors, FD30,	
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clear fire glass	101
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folding partitions	107



#### **System Description**

We offer a comprehensive range of internal doors to suit all requirements, including veneered doors, stocked doors and a bespoke door manufacturing service. The range of door facings includes natural wood veneers, including FSC / PEFC veneers, paint grade veneers and high pressure laminates.

In addition to timber door frames, the XP door frame is a fully assembled expandable depth door set that can be installed into either plasterboard partitions or brick and block walls between 74mm and 225mm thick, (see page 70 for further details).

Our standard range of doors include eight natural wood veneers and paint grade doors which are available in various standard sizes. Doors can be customised from three days to meet project requirements, including:

- Door re-sizing
- Incorporation of standard vision panels to comply with Approved Document M
- Upgrades to FD30 or FD60 with fitted intumescent strip, in combination with cold smoke or acoustic seals
- Fitting automatic threshold seals
- Pre-mortising for locks and or hinges
- Full compliance with DDA regulations

In addition we are also able to offer a comprehensive bespoke service for door sizes up to 3000 x 1200mm.

#### **Bespoke Doors**

Doors can be specified fully finished with a 3 coat UV stable clear lacquer, applied during manufacture, which enhances the natural features of the veneer. Bespoke doors can be supplied with a high grade finish.

The bespoke service enhances the standard service with:

- Fully finished non-standard door sizes
- Bespoke vision panels and bead styles
- Range of speciality veneer species and cuts
- Range of veneers with inlays
- Range of laminate finishes
- Pre-primed or fully finished paint grade doors

#### **Fire Performance Summary**

	Fire Performance
44mm Cellular Core	NFR
44mm Solid Core	NFR/FD30
54mm Solid Core	NFR/FD60



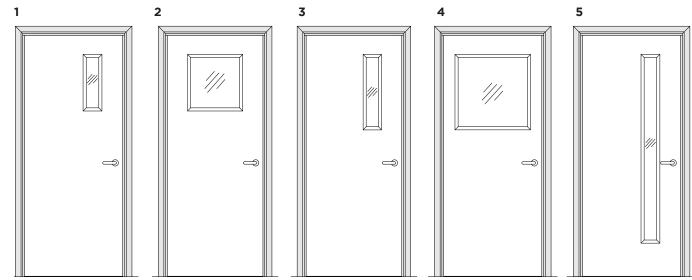
All FSC veneers are Crown Cut and Book-matched.

**Please note:** Colour variations do occur in veneers since these are a natural product. While every effort has been made to ensure that the samples shown in the brochure are as accurate a representation as can be achieved, there may be differences between the actual product and the illustrations shown as a result of the printing process. Physical samples can be provided on request.

44mm Cellular Core Non-Fire Rated Clear Glass Vision Panels - Cellular Doors	Size
Sapele	1981 x 838 x 44mm
White Oak	1981 x 838 x 44mm
Ash	1981 x 838 x 44mm
Maple	1981 x 838 x 44mm
Steamed Beech	1981 x 838 x 44mm
American Black Walnut	1981 x 838 x 44mm
Paint Grade	1981 x 838 x 44mm

Other veneers available upon request

# Non-Fire Rated Clear Glass Vision Panels - 44mm Cellular Core Doors

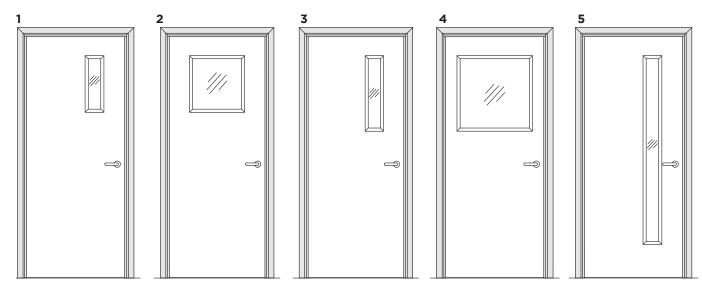


- 1) 450 x 150mm aperture, positioned 150m down from top and 150mm from the edge
- 2) 450 x 450mm aperture, positioned 150m down from top and centrally in the door leaf
- 3)  $600 \times 150 \text{mm}$  aperture, positioned 150m down from top and 150mm from the edge
- 4) 600 x 538mm aperture, positioned 150m down from top and centrally in the door leaf
- 5) 1500 x 150mm aperture, positioned 150m down from top and 150mm from the edge (Doc M / BS 8900:2009 compliant)

44mm Solid Core Non-Fire Rated Clear Glass	Veneer Type	Size
		1981 x 762 x 44mm
	1050 Mark 1997	1981 x 838 x 44mm
		2040 x 726 x 44mm
Sapele		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
White Oak		2040 x 826 x 44mm
White Oak		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
	AND DESCRIPTION OF THE PARTY OF	1981 x 838 x 44mm
		2040 x 726 x 44mm
Ash		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
	Week that says a said to the	1981 x 838 x 44mm
		2040 x 726 x 44mm
Maple		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
	的复数形式 特別的	1981 x 762 x 44mm
Koto		1981 x 838 x 44mm
NOTO		2040 x 826 x 44mm
		2040 x 926 x 44mm
		1981 x 762 x 44mm
	15年40年9年8	1981 x 838 x 44mm
Charry		2040 x 826 x 44mm
Cherry		2040 x 926 x 44mm
	图像部的图片 淡海道	2700 x 838 x 44mm
		2700 x 926 x 44mm

44mm Solid Core Non-Fire Rated Clear Glass	Veneer Type	Size
		1981 x 762 x 44mm
		1981 x 838 x 44mm
Steamed Beech		2040 x 726 x 44mm
Steamed Beech		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		1981 x 762 x 44mm
	A Marine	1981 x 838 x 44mm
American Black Walnut		2040 x 826 x 44mm
Affierican black Walflut		2040 x 926 x 44mm
	<b>一个人</b>	2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Paint Grade		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm

### Non-Fire Rated Clear Glass Vision Panels - 44mm Solid Core

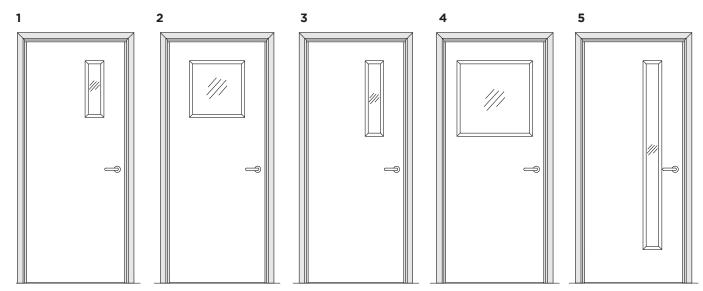


- 1)  $450 \times 150 \text{mm}$  aperture, positioned 150m down from top and 150mm from the edge
- 2) 450 x 450mm aperture, positioned 150m down from top and centrally in the door leaf
- 3) 600 x 150mm aperture, positioned 150m down from top and 150mm from the edge
- 4) 600 x 538mm aperture, positioned 150m down from top and centrally in the door leaf
- 5) 1500 x 150mm aperture, positioned 150m down from top and 150mm from the edge (Doc M / BS 8900:2009 compliant)

44mm Solid Core, 30 Minute Fire Rated Georgian Wire Polished Plate Safety Glass	Veneer Type	Size
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Sapele		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
W/h:ha Oali		2040 x 826 x 44mm
White Oak		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Ash		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Maple		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
Koto		1981 x 838 x 44mm
Noto		2040 x 826 x 44mm
		2040 x 926 x 44mm
		1981 x 762 x 44mm
	11年4月至25日1	1981 x 838 x 44mm
Charry		2040 x 826 x 44mm
Cherry		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm

44mm Solid Core, 30 Minute Fire Rated Georgian Wire Polished Plate Safety Glass	Veneer Type	Size
		1981 x 762 x 44mm
	特體的特別的工作。	1981 x 838 x 44mm
Steamed Beech		2040 x 726 x 44mm
Steamed Beech		2040 x 826 x 44mm
	<b>计</b> 图数学和 1967年	2040 x 926 x 44mm
		2700 x 838 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
American Black Walnut		2040 x 826 x 44mm
American Black Walnut		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Paint Grade		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm

### Georgian Wire Polished Plate Safety Glass, 30 Minute Fire Rated Vision Panels - 44mm Solid Core

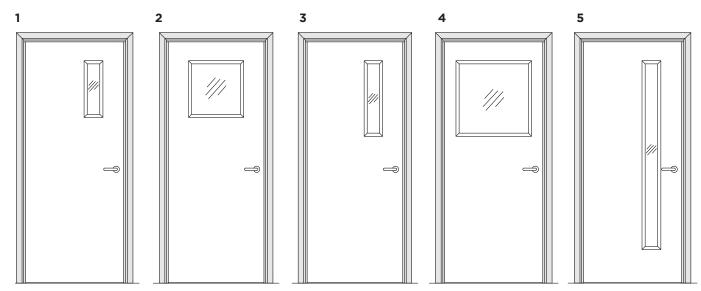


- 1)  $450 \times 150 \text{mm}$  aperture, positioned 150m down from top and 150mm from the edge
- 2)  $450 \times 450 \text{mm}$  aperture, positioned 150m down from top and centrally in the door leaf
- 3) 600 x 150mm aperture, positioned 150m down from top and 150mm from the edge
- 4) 600 x 538mm aperture, positioned 150m down from top and centrally in the door leaf
- 5) 1500 x 150mm aperture, positioned 150m down from top and 150mm from the edge (Doc M / BS 8900:2009 compliant)

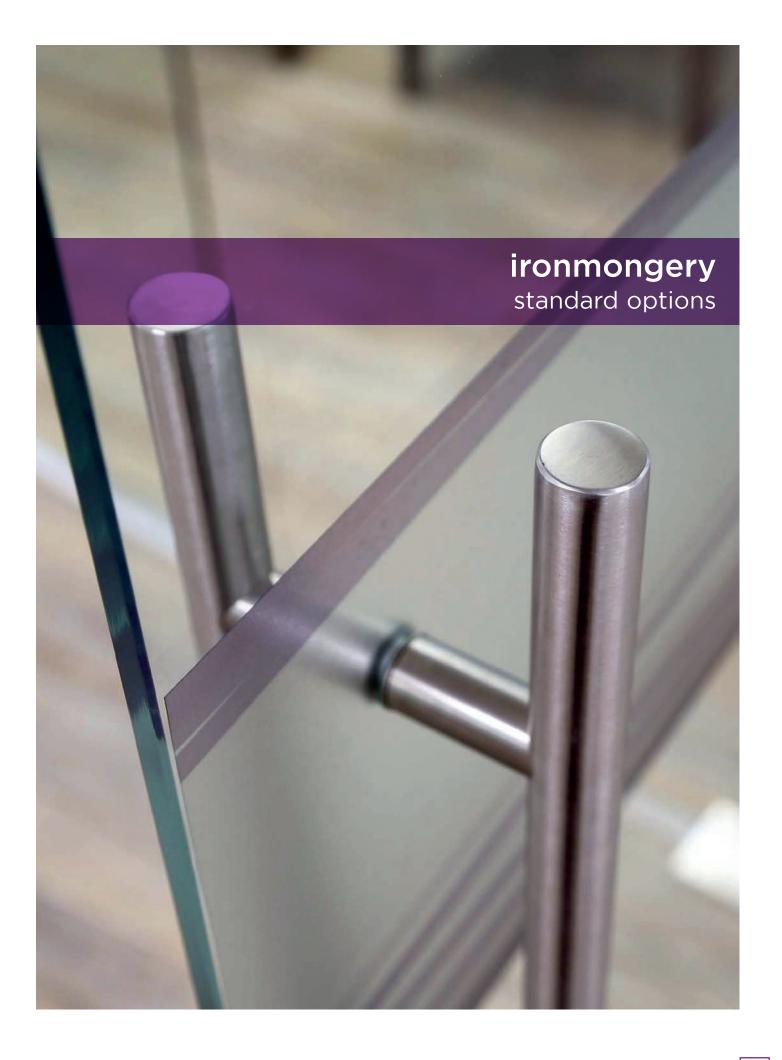
44mm Solid Core, 30 Minute Fire Rated, Clear Fire Glass	Veneer Type	Size
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Sapele		2040 x 826 x 44mm
		2040 x 926 x 44mm
	212/24/2017	2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
White Oak		2040 x 826 x 44mm
White Oak		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Ash		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
	NUMBER OF STREET	1981 x 838 x 44mm
		2040 x 726 x 44mm
Maple		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm
	外售 医肝产生物 医水	1981 x 762 x 44mm
Koto		1981 x 838 x 44mm
ROLO		2040 x 826 x 44mm
		2040 x 926 x 44mm
		1981 x 762 x 44mm
	接着 经净票 医线线	1981 x 838 x 44mm
Charny		2040 x 826 x 44mm
Cherry		2040 x 926 x 44mm
	自然是特色的系统	2700 x 838 x 44mm
		2700 x 926 x 44mm

44mm Solid Core, 30 Minute Fire Rated, Clear Fire Glass	Veneer Type	Size
		1981 x 762 x 44mm
		1981 x 838 x 44mm
Channel Devel		2040 x 726 x 44mm
Steamed Beech		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		1981 x 762 x 44mm
	THE RESERVE TO THE RE	1981 x 838 x 44mm
	<b>会国发生的</b>	2040 x 826 x 44mm
American Black Walnut		2040 x 926 x 44mm
	<b>三大</b>	2700 x 838 x 44mm
		2700 x 926 x 44mm
		1981 x 762 x 44mm
		1981 x 838 x 44mm
		2040 x 726 x 44mm
Paint Grade		2040 x 826 x 44mm
		2040 x 926 x 44mm
		2700 x 838 x 44mm
		2700 x 926 x 44mm

#### Clear Fire Glass, 30 Minutes Fire Rated - 44mm Solid Core



- 1)  $450 \times 150 \text{mm}$  aperture, positioned 150m down from top and 150mm from the edge
- 2)  $450 \times 450 \text{mm}$  aperture, positioned 150m down from top and centrally in the door leaf
- 3) 600 x 150mm aperture, positioned 150m down from top and 150mm from the edge
- 4)  $600 \times 538 \text{mm}$  aperture, positioned 150m down from top and centrally in the door leaf
- 5)  $1500 \times 150$ mm aperture, positioned 150m down from top and 150mm from the edge (Doc M / BS 8900:2009 compliant)



#### **Door Handing**

Door handing needs to be specified for all single doors in excess of 838mm wide or in excess of 2040mm high where a third or fourth hinge is required.

Handing is required for all pairs of doors when the doors have rebated meeting edges, either vertically or horizontally (door and over panel sets).

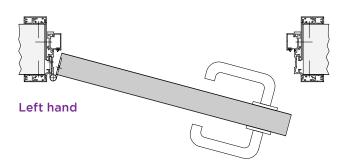
#### Ironmongery

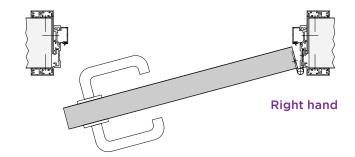
A range of standard ironmongery sets can be found in the table overleaf. All door sets are supplied with hi-load lift off hinges and fitted with non-protruding ironmongery. Levers and /or handles are supplied loose for quick fixing on site.

Standard sets include appropriate ironmongery for latched, locked and deadlocked doors, see images opposite. Alternatively ironmongery can be supplied with push plates and pull handles with deadlocks, if required.

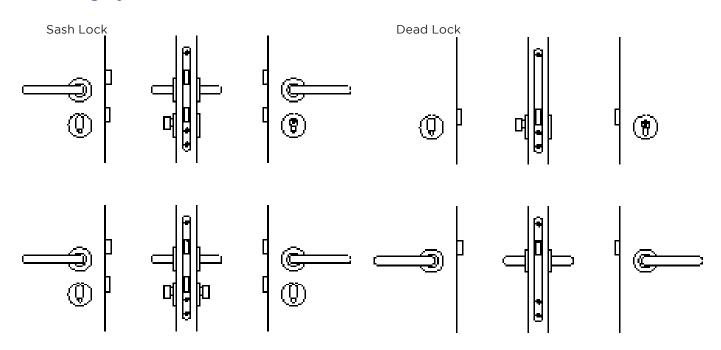
Project specific architectural ironmongery can be specified for inclusion with XP door sets, please contact a member of our technical department for further information.

# **Door Handing**





# **Ironmongery Sets**



		75mm Latch	75mm Oval or Euro Sash-lock c/w key-and-turn Cylinder	75mm Oval or Euro Deadlock with Single Cylinder	19mm 'D' Levers with Roses and Escutcheons	Push Plate	300 x 19mm 'D' Pull Handle	Class 13 Hinges (No subject to door height)	Kick Plates	Door Stops	Door Closers	Flush Bolts (Pair)
Single Doors	Latched	•			•			•		1	0	
	Locked		•		•			•		1	0	
	Deadlocked			•			1	•		1	0	
	Push/Pull					1	1	•		1	1	
	Push/Pull - Cylinder Locked			•		1	1	•	0	1	1	
Double Doors	Latched	•			•			•		2	0	•
	Locked		•		•			•		2	0	•
	Deadlocked			•			2	•		2	0	•
	Push/Pull					2	2	•		2	2	
	Push/Pull - Cylinder Locked			•		2	2	•		2	2	•
Unequal Double Doors	Latched	•			•			•		2	0	•
	Locked		•		•			•		2		•
	Deadlocked			•			1	•		2		•
	Push/Pull					1	1	•		2	1	
	Push/Pull - Cylinder Locked			•		1	1	•	0	2	1	•

Included with door set, all non-protruding ironmongery, locks, hi-load lift off hinges, kick plates and push plates are factory fitted. Levers and handles are supplied loose for site fitting.

Optional extra, door closers are supplied loose for site fitting. All fire rated door sets are supplied with door closers.

#### **Steel Fire Screen & Fire Door Solutions**

As part of our Longline Partitioning range Nevill Long are now able to provide a series of high performance, fully tested steel Fire Screen & Fire Door solutions.

The systems we provide, as standard, range from 30 minutes Integrity only up to a combined performance of 60 minutes Integrity and 60 minutes Insulation. If required we can also supply and install, as a special, systems that will perform to 90 & 120 minutes Integrity and Insulation.

For Integrity only (E) where the assembly is required to provide a physical barrier against fire, smoke & hot toxic gases we offer standard tested solutions providing 30 & 60 minutes performance.

For the high performance requirement of Integrity & Insulation (EI) where the assembly provides not just a physical barrier from fire but also restricts the transfer of heat through the glass & profile, we offer standard tested solutions that will provide 30 & 60 minutes performance.

As part of our comprehensive Fire Screen & Fire Door package we will also provide:

- System specification at enquiry stage.
- Support to ensure we provide the correct specification/solution.
- Detailed proposal documentation with costing & manufacture drawings for approval by client.
- Comprehensive site surveys to ensure we have all the required information from placement of order.
- 4-6 week lead time dependant on specification from approved/signed drawings.
- Installation by trained in house installers.
- All systems & glazing CERTIFIRE approved.
- Project management service from design through to installation.
- Site supervisors qualified to SSSTS levels.
- Project Managers qualified to SMSTS.
- Health & safety requirements carried out including O&M manuals.
- Third part accreditation by Warrington Bodycote (FIRAS).

Longline Fire Screens & Fire Doors, fully tested and certified solutions to the most stringent glazed screen fire performance requirements.







# **Movable Walls & Sliding Folding Partitions**

Offices, Conference Centres, Hotels, Schools and Universities, Clubs and Restaurants, Hospitals, Shopping Centres and Residential locations all can benefit from the inclusion or addition of a Longline Moveable Wall System.

We offer a range of aesthetically pleasing and easily operated systems providing spatial flexibility.

The Longline Moveable Wall range of products includes:

- Solid Walls
- Acoustic Walls
- Single & Double fully glazed walls
- Folding Walls
- Sliding Walls
- Concertina Walls.

Various operating methods can be specified:

- Top hung, Bottom roller, Manual, Semi automatic
- Longline Moveable Walls are available in a range of Heights, Widths, Thicknesses, Finishes and performance levels to suit client specification.
- The systems are sold on a supply & fit basis.
- On acceptance of order our surveyor will call on site and assess the suitability and take measurements for the project.
- On your acceptance of our survey the system will be tailored and produced to your requirements.
- Once manufactured our team of fully qualified fitters will deliver and erect the product.











# **National Distribution**

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#### **KEY**

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