

Industrial Handfill

Introduction

Rockwool Industrial Handfill is a high performance, loose, granular insulation. The product has been specifically designed for use as an insulation in-fill around equipment, within voids and in restricted areas.

Handfill is widely used by major liquid oxygen companies, chimney and equipment manufacturers.

Advantages

- o Excellent thermal and acoustic properties
- o Chemically inert
- o Non hygroscopic
- o Uniform granular texture
- o Simple to install
- o Stable
- o Eliminates gaps
- o Highly versatile
- o Easy to handle and install
- o Cost Effective
- o Non Combustible

Applications

Ovens, furnace surrounds, OEM, industrial plant and equipment, irregular voids, storage vessels, flues, chimneys, liquid gas columns, pipe banks, valve boxes, pugging, general infilling, spray mixes, etc.

Installation

Handfill can be installed either by hand packing or by use of specially designed blowing equipment - details available on request.

Typical installed density is in the range 45 to 200kg/m³.

Fire Performance

Industrial Handfill is rated non combustible in accordance with BS476:Part 4.



Temperature Range

Handfill is suitable for use in cryogenic, intermediate and high temperature applications.

Effective high temperature use is dependent upon installed density. It is recommended that Handfill be installed to a density of 150kg/m³ or greater for use at temperatures of up to 800°C.

Thermal Conductivity

0.038 W/mK at 10°C mean product temperature (installed density, 45kg/m³).

Chemical Properties

pH 7 or slightly alkaline.

Hydrocarbon content <0.4% w/w to BS2972.

Moisture content <0.5% w/w to BS2972.

Packaging

Industrial Handfill is supplied in fully sealed, clear polyethylene bags.

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|-----------------|-------------------------------|
| Pack Weight | 25kg |
| Pack Volume | 0.125m ³ (approx) |
| Density in Pack | 200kg/m ³ (approx) |

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