INSULMOULD® 1400

INSULCON
LEADER IN HIGH TEMPERATURE SOLUTIONS

Insulmould® 1400 is a premixed mastic made from HT specialty fibres and binders. It has been specifically developed as resilient insulating joint filler.

Insulmould® 1400 is supplied in pails for hand placement and trowelling, and in cartridges for injection. In addition, it can be pumped into place, a procedure which makes it especially suitable for hot refurbishment work.

Insulmould® 1400 can be air dried or force dried at up to 150°C. Exposure to higher temperatures results in the information of a semi-rigid crust with a flexible resilient back up insulation.

Product features

- It can be pumped into expansion joint crevices.
- It exhibits excellent surface adherence.
- It becomes a flexible resilient insulation at temperatures above 250°C.
- It will form a semi-rigid outer crust which provides an effective insulation seal whilst maintaining flexible for expansion/compression.
- It provides a quicker more effective alternative to any application where bulk fibre or blanket is used to seal gaps.

Typical properties

- Colour	Off white	
- Description	Creamy Paste	
- Continuous Use Limit	1400°C	
- Melting Point	> 1500°C	
- Wet density	1244 kg/m^3	±10%
- Dry density	366 kg/m^3	±10%

Typical applications

- Expansion joint filler
- Boiler door seals
- Coke oven door seals
- Sealing gaps between modules
- Seal for irregular shaped gaps

Chemical Composition (fired)

- Al_2O_3	50 – 54 %
- SiO_2	46 – 50 %

Storage instruction

- Recommended shelf storage temperature is 5 - 20 °C.

Shelf life

- Up to 6 months

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TECHNICAL DATASHEET

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