

INSULMOULD 1400

INSULMOULD 1400 is a premixed mastic made from HT specialty fibers 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 fiber 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	1350 kg/m ³
-	Dry density	675 kg/m ³

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 ₂ O ₃	51 – 55 %
-	SiO ₂	47 – 48 %

Storage instruction

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

Shelf life

- Up to 6 months