

Data sheet

FireMaster® Putty

ENGLISH
Europe datasheet



Description

FireMaster® is composed of Superwool HT low biopersistence fibre, organic polymers, inorganic binders and other proprietary ingredients.

FireMaster® putty is a pliable, low shrinkage, putty-like material that is supplied wet and premixed, ready for installation by a pneumatically applied system for large areas or hand trowelling.

The product is designed for fire protection applications such as sealing penetrations.

Installation

FireMaster® Putty can be applied by trowel, caulking gun or spray equipment. Application surfaces should be clean and free of debris. Allow 12 hours to dry fully after application, 3 hours to touch-dry condition. Coverage approximately 0.3 m²/l for depths of up to 6mm.

Features

- Pliable, putty-like material
- Pre-mixed ready to install
- Good abrasion resistance
- Resistant to thermal and mechanical breakdown
- Improves insulation efficiency and erosion resistance

Fire Protection Properties

Reaction to fire

- Non-combustible according to Annex I of IMO RESOLUTION MSC 307 (88) FTP Code 2010, Part I
- Reaction to Fire Classification AI in accordance with EN 13501-1
- Tested to ASTM E814 (UL1479) in multiple Firestop designs for up to 3 hour F and T Ratings.

Typical Applications

- Fire rated penetration sealing of ducts, cable trays and pipes in the construction and marine industries.

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Physical properties

Maximum temperature rating :	1480°C (2696°F)
Solids :	46%
Density, kg/m ³ (pcf) :	
Wet, as received :	1200 (75)
Dried @ 110°C (230°F) :	513 - 577 (32 - 36)
Color :	Grey
Shelf life, in unopened packaging (months) :	12

Chemical analysis % weight based after firing

Silica, SiO ₂	86
Calcium oxide, CaO	12
Other	2

Product availability

In drums of 13kg or cartridges of 300g
(1 gallon pail)
(5 gallon straight sided pail)
(11 oz. caulking tube)
(32 oz. caulking tube)

Storage conditions

Store in frost free conditions.
Once opened, do not return drums to storage.

Contact

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SUPERWOOL® is a patented technology for high temperature insulation wools which have been developed to have a low bio persistence (information upon request). **SUPERWOOL®** products may be covered by one or more of the following patents, or their foreign equivalents:

SUPERWOOL® PLUS and **SUPERWOOL® HT** products are covered by patent numbers:
US5714421 and US7470641, US7651965, US7875566, EP1544177 and EP1725503 respectively.

A list of foreign patent numbers is available upon request to Morgan Advanced Materials plc.

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