

Data sheet

FireMaster® Putty

ENGLISH



Description

FireMaster® putty is composed of Superwool® HT, a low biopersistent fiber, 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 for typical Firestop applications. FireMaster® putty is Underwriters Laboratory tested and listed as a Firestop sealant per ASTM E814 (UL1479) in multiple Firestop designs for up to 3 hour F and T- Ratings. UL Follow-Up Service audits provide assurance that the product supplied to the job sites meets the same tight quality standards as the materials supplied for fire testing.

Installation

FireMaster® putty is troweled or spray in place. The surface should be clean and free from debris. Tools and equipment should be cleaned with fresh water before material dries. At 70°F and above, allow 3 hours to dry to touch. Allow 12 hours to dry fully. Coverage rate - 1/8 - 1/4 inch (2 - 6 mm) thick gives approximately 12 ft²/gal (0.31 m²/L).

FIREMASTER®

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SDS:

Data sheet

FireMaster® Putty

Availability and testing summary

This specification covers the application of FireMaster® bulk or blanket in combination with FireMaster® putty to form a tested and listed firestop system.

UL system	Penetrant	F-rating hrs.	T-rating hrs.
C-AJ-7004	Max 24 x 12 inch steel grease or air duct	3	3
C-AJ-7023	Max 6 inch hole, no penetrant	3	3
C-AJ-1077	Max 3 inch copper tubing, steel pipe and conduit, or EMT	3	0
C-AJ-1078	Max 4 inch copper tubing, steel pipe and conduit, or EMT	3	0
C-AJ-3313	Max 1 1/2 inch fill PVC jacketed electrical cable	3	0.5
C-AJ-4091	Max 24 x 4 inch cable tray with max 15% fill of PVC jacketed electrical cable	3	0.5
FF-S-1023	Max 5 inch horizontal joint	3	3

Physical properties

Maximum temperature rating :	2700°F (1482°C)
Solids :	46%
Density, pcf (kg/m ³) wet, as received :	75 (1200)
Dried @ 230°F (110°C) :	32 - 36 (513 - 577)
Color	aluminum gray
Shelf Life, minimum, months	12

Chemical analysis % weight based after firing

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

Product availability

- 1 gallon pail
- 5 gallon straight sided pail
- 11 oz. caulking tube
- 32 oz. caulking tube



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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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