

Data sheet

FireMaster® Glue

Description

FireMaster® Glue is a high viscosity refractory cement developed for bonding FireMaster fire protection products to a variety of substrates, including steel.

FireMaster Glue ready to use adhesive is based on a raw material recipe containing sodium silicate, alumino-silicates, amorphous silica and organics diluted in water.

Advantages

- Strong bonding at ambient and high temperatures giving excellent fixing strength during a fire.
- Non-porous barrier controlling vapour movement.
- Compatible with a wide range of application systems

Uses

As a fire resistant adhesive for FireMaster products (e.g. Blanket, Board, Felt, Paper) bonded to other materials. Application is typically by a brush, roller or a notched trowel.

Main Characteristics

| | |
|--|---|
| Reaction to fire | Non-flammable |
| Maximal exposition temperature | > 1000°C. Dry film |
| Density | 1680 kg/m ³ |
| Viscosity | 45000 mPa.s (Brookfield viscometer) |
| pH | 12 |
| Minimum application temperature | 10°C |
| Drying time | Approximately 5 minutes depending on substrate & application conditions |
| Final setting time | 48 hours |
| Water cleaning | Yes. Only with non-dried glue |
| To be protected from freezing | Yes |
| Maximum storage period | 12 months in original closed packaging and in a dry and cool place |
| Plastic pail packaging | 25 kg |
| Full pallet content | 50 pails |

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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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