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COMPANY DETAILS:

Manufacturer / Supplier: GMSA INTERNATIONAL CO
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Technical Data Sheet

313 Fire Retardant Sealant.

313 Fire Resistant Silicone Sealant is a one part, low modulus, neutral cure, halogen free product.

313 Fire Resistant Silicone Sealant offers excellent adhesion to a number of substrate types which include steel and masonry.

CHARACTERISTICS:

313 Fire Resistant Sealant is a high performance silicone which has been designed for use in joints with high movement capability or where joints are formed between multiple substrate types. 313 Fire Resistant Silicone Sealant is suitable for joints up to 40mm and can provide up 100mm.

313 Fire Rated Silicone Sealant. It is suitable for the sealing of construction joints and around pipe penetrations which have been protected by the recommended 313® intumescent product. It is also ideal for the weather sealing of curtain walling, building facades and expansion joints in fire rated walls. It is fire rated up to 240 minutes and offers excellent adhesion to many common building substrates.

It has outstanding resistance to ozone, UV and temperature extremes and is tack-free within two hours.

Joint movement accommodation 25%

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Appearance

Physical state	Paste
Color	Brown
Odor	Typical

Other safety parameters

Chemical base	Oil based
Melting point/freezing point	Not applicable / 0 °C
Boiling point	Not applicable
Flash point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable
Explosive limits	No explosion hazard.
Density	1.501 g/cm^3
Solubility(ies)	Not soluble
Hardness	32 N ±5%
Skin Time	approx. 5min @28^{o}C
Auto-ignition temperature	Not applicable
Viscosity	96310m.Pa.s ±5%
Oxidizing properties	none

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PRODUCT DATA INSTALLATION INSTRUCTIONS/APPLICATIONS

1. For external applications ensure that all the surfaces are clean, dry, sound and frost free. Clean all joints thoroughly to ensure that the adhesion of the silicone to the substrate is not impaired.

2. It may be necessary to mask adjacent areas to prevent contamination and to ensure a neat sealant line. Masking tapes should be immediately removed after tooling and finishing.

3. Install backing materials as required and fill the cavity or void with silicone.

4. The joint should be tooled within 5 minutes of application to ensure good contact between the silicone and substrate. Tooling of the sealant also gives a smooth and professional finish.

5. Excess silicone should be cleaned off and non-porous surfaces cleaned whilst in an uncured state using a suitable solvent. Sealant adhering to porous surfaces should be left until it has cured, then remove by mechanical means.

6. Dispose of spent cartridges in accordance with local regulations. PACKAGING INFORMATION 313® Fire Rated Silicone Sealant is supplied in 310 ml cartridge.