MM1018 SEAL #2108U

Product description

MM1018 SEAL is a fast-curing metal polymer for pressure-tight joint sealing. joint sealing. It is used in conjunction with the injection of the gap levelling material MM1018 liquid #1866 in order to seal cavities to be injected cavities to be injected and to prepare them for application with MM1018 liquid.

Properties

- Easy application via cartridge with compulsory mixer
- Corrosion and weather resistance
- Fast curing of approx. 2 hours

Chemical resistance

- Oil
- Petrol
- Coolant

Available in the following versions

ARTICLE	PRODUCT	DESCRIPTION
#2108U	MM1018 SEAL	Cartridge, 200ml, special sizes on request

Product data Delivery condition

EIGENSCHAFT	WERT
Colour component A (resin) Colour component B (hardener)	Grey White
Shelf life Store	In original, unopened container in a dry and frost-free place (5°C to +20°C). Shelf life 12 months. Protect from direct sunlight. Higher temperatures reduce the shelf life.
Mixing ratio component A (resin) Mixing ratio component B (hardener)	100 ml 50 ml
Pot life	30 min ±20% (T15K, DIN EN ISO 9514)
Curing at 20°C	3 hours
Curing at 30°C	2 hours
Processing temperature	+5 °C to +40°C
Consumption/yield Joint height 1 mm	ca. 30 g/m
Consumption/yield Joint height 5 mm	ca. 150 g/m
Consumption/yield Joint height 10 mm	ca. 300 g/m

Product data reacted product

PROPERTIES	VALUE
Density	1.7 g/cm³
Hardness (ShoreD)	82
Temperature resistance (permanent)	Up to 160 °C
Colour	Grey

Storage / shelf life

Store in the original, unopened container in a dry, cool and frost-free place (5°C to 20°C). Shelf life 12 months.
Protect from direct sunlight. Higher temperatures reduce the shelf life.

Processing

MM1018 SEAL is supplied in a closed 1-component cartridge and does not require manual mixing. Loosen the screw connection on the cartridge head and remove the sealing plug. Attach and secure the mixer and insert the assembled cartridge into the cartridge gun. Squeeze out the material until a uniform grey colour is achieved. The first 5 cm of the squeezed out material should not be used, as it may not have been mixed correctly. Clean the tip of the mixing tube and start applying the material. To ensure sufficient pressure tightness for the MM1018 injection, MM1018 SEAL should be injected at least 10 mm into the gap. Please note that the curing of MM1018 SEAL is significantly influenced by the component temperature of the neighbouring components. At a temperature of 20°C, the material is sufficiently firm after 3 hours to begin injection. We recommend a strength test with a pointed object such as a screwdriver to ensure that the material has hardened sufficiently. If possible, contact surfaces that are wetted with MM1018 SEAL must be cleaned of dirt and loose particles using de-oiled compressed air. To ensure good adhesion of MM1018 SEAL, the holding surfaces must be degreased with DIAMANT cleaner #1417.

Waste disposal

Unused material can be disposed of normally if it has been mixed in the correct ratio and is fully cured (EWC 170203). Unmixed material must be disposed of as chemical waste (EAKV 080111)
When booking our DIAMANT application service, we take care of the professional and correct disposal of the waste.

Qualification and service

To ensure the best possible quality and error-free application, we offer the following services:

- Product training
- Site supervision and monitoring (supervising)
- Complete realisation of the work by our experienced application technicians and fitters

Contact us, we will be happy to advise you and will be on site immediately.

Safety data sheet

Please read the relevant safety data sheet before using the product. Safety data sheets are available on a daily basis on request via info@diamant-polymer.de or by telephone on +49-2166-98360. DIAMANT guarantees the product properties as long as they are stored and used in accordance with the specifications listed here. DIAMANT accepts no responsibility for the processing of the material. Our technicians will be happy to answer any further questions you may have.

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This edition replaces all previous versions.