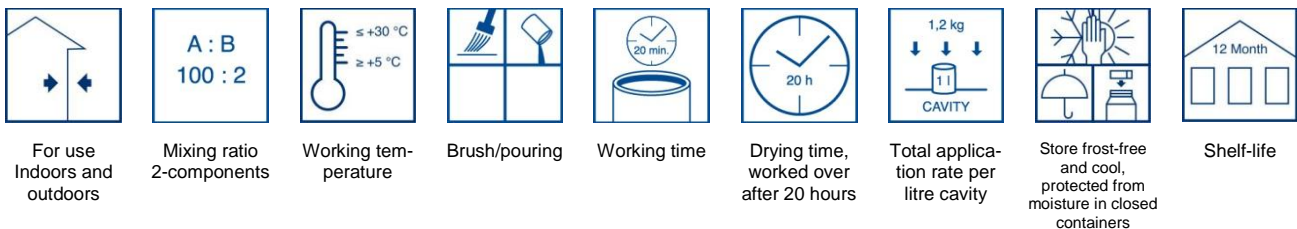




Technical Data Sheet
Art. No. 0736 - 0737

Silicone AFM Hardener AFM

Pourable, RTV-2-component silicone compound



Range of use

Remmers Silicone AFM is used for the production of solid and film moulds that are strongly undercut, e.g. in the field of restoration and for moulding work in general in the building industry.

Property profile

- Good flow behaviour
- High reproduction accuracy and sharp delineation
- Highly elastic
- Excellent recovery
- Very good de-moulding

Directions

Mix Remmers Silicone AFM with Remmers Hardener AFM, using a filling knife or mixing tool, in a mixing ratio of 100 : 2 until homogeneous and there are no streaks. Observe the pot-life. The moulding compound can be worked by casting or applied with a brush. By adding up to 1 % by mass Remmers Thickening Agent AFM (Art. No. 0738) to Silicone AFM, the

Characteristic data of the product

Silicone AFM (Art. No. 0736)

Colour: white
Density (DIN 53 479): approx. 1.13 g/cm³
Viscosity: 32000 mPa•s

Hardener AFM (Art. No. 0737)

Colour: blue
Density (DIN 53 479): approx. 0.99 g/cm³
Viscosity: 3 mPa•s

Mixing ratio

Silicone AFM : Hardener AFM 100 : 2 parts by mass
Pot-life: approx. 25 min
Working temperature: +5 °C - +30 °C

Vulcanised compound

A Shore hardness (DIN 53505): approx. 28
Tensile strength (DIN 53504 S3A): approx. 4 N/mm²
Elongation at tear (DIN 53504 S3A): approx. 350 %
Resistance to tear propagation (ASTM D 624 Form B): approx. 23 N/mm²
Linear shrinkage after 7 days: approx. 0.5 %

viscosity of the moulding compound can be increased up to stable. De-moulding can take place after 20 hours.

To ensure that the vulcanised compound is completely free of bubbles, de-gas the silicone-hardener mixture in a vacuum

before using (max. 5 minutes at 10-20 bar). When moulding critical substrates, e.g. porous sandstone as well as porous silicate or moisture absorbing forms, a silicone-free release agent should be used (e.g. wall paper paste). For the production of supporting moulds, we recommend Remmers Restoration Mortar EP 2K (Art. No. 0941). Before the supporting mould is produced, we recommend the application of a thin layer of suitable release agent, e.g. Remmers Release Paste (Art. No. 1121), on the outside of the silicone mould. This work should only be carried out by professionals.

Notes

The specified mixing ratio A : B should be strictly observed. Due to their aggressive nature, casting resins such as polyester and polyurethane limit the number of castings that can be made.

Cleaning

Allow remains in the mixing and casting containers to vulcanise, then pull off. Material that has already vulcanised can only be removed mechanically, if necessary swelling first with white spirit.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

Packaging, application rate, shelf-life

- **Silicone AFM (Art. No. 0736)**
Packaging:
1 kg and 5 kg plastic containers

Application rate:
Approx. 1.2 kg Silicone AFM per litre void

Shelf-life:
At least 12 months in unopened, original containers stored cool but frost-free.

- **Hardener AFM (Art. No. 0737)**
Packaging:
22 g and 110 g aluminium bottles

Shelf-life:
At least 12 months in unopened, original containers stored cool and dry but frost-free.

Safety, ecology, disposal

Information on safety when transporting, storing and handling as well as disposal and ecology are found in the latest Safety Data Sheet.



Remmers (UK) Limited Crawley
United Kingdom
Tel: +44 (0) 1293 594 010
Fax: +44 (0) 1293 594 037
www.remmers.co.uk