

TECHNICAL SHEET

MSA 100 – MS fast adhesive 290ml white

Product Description

MS fast adhesive 290ml white is a high quality, professional and universal sealant and adhesive based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Benefits

- Universal bonding and sealing for interior and exterior use.
- Durable, permanent elastic.
- Free of isocyanates, solvents and silicones.
- No shrinkage and bubble free.
- Good resistant to UV, weather, moisture and mold.
- Adheres perfectly without primer on most, even damp, surfaces.
- Neutral curing, almost odourless.
- Non corrosive to metals.
- High mechanical resistance strength and E-modulus.
- Absorbs acoustical and mechanical vibrations.

Applications

MS fast adhesive has been especially developed as a universal sealant for durable elastic sealing of connection joints Universal construction adhesive for bonding PU, uPVC, hard plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, stainless steel, HPL, glass. Can also be used to bond many building materials such as stone, concrete, plasterboard and cement fibre panels#, wood and paint systems. Sealing and bonding in cold storage cells and in food area.

Directions of Use

Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm distance in between. Do not apply the adhesive in dots! The use of two sided adhesive tape, 3 mm thick is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is right. For further question please contact our technical service.

Additional information


| | | |
|---|-------------------|-------------------|
| 100% Modulus | N/mm ² | 1,35 MPa |
| Application Rate | @3mm/4 bar | 150 g/min |
| Application Temperature | | +5°C till +40°C |
| Base | | Hybrid |
| Curing Time | | ± 2-3 mm/24 hours |
| Density | | 1,58 g/ml |
| Elongation at Break | | 400% |
| Flow | ISO 7390 | < 2 mm |
| Frost Resistance during transportation till | | -15°C |
| Joint Movement 25% | | |
| Shore-A hardness | DIN 53505 | 52 Shore A |
| Skin Formation | @23°C/55% RH | 10 minutes |

Temperature Resistance
Tensile Strength

N/mm²

-40°C till +90°C
2,20 Mpa

Certifications

| | |
|--|---|
|  | EN 15651-1: F-EXT-INT-CC 25HM EN 15651-3:S XS3 EN 15651-4: PW-EXT-INT-CC 25HM |
|  | Emicode EC1 Plus |
|  | Emission Certificate M1 |
|  | ISEGA |
| | A+ (Eurofins ISO 16000) |

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)

Surface Preparations and Finishing

Application temperature +5°C to +40°C (environment and substrate). Surfaces must be dry, clean and solid. Clean surfaces with waterbased degreaser. MS fast adhesive adheres perfectly without the use of a primer to most non porous substrates. Porous surfaces to be pre-treated with Finixa Primer. Always test adhesion prior to application.

Paintability

MS fast adhesive is perfectly paintable with water based and most 2 component paints. Synthetic paints can dry slower. It is recommended to test compatibility with paint prior to application. When MS fast adhesive will be painted over (not necessary) we recommend to sand the sealant and junction surfaces by means of scuff roll. For an optimal result we recommend to paint within a few days after application.

Cleaning

Uncured material and tools can be cleaned by using cleaning thinner. Cured material can only be mechanically removed. Hands can be cleaned with Finixa HCL 250.

Packaging

Cartridge 290 ml

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T.: +32 3 234 87 80
F.: +32 3 234 87 89
info@chemical.eu
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Shelf Life

In unopened original packaging between +5°C and +25°C.
1,5 years

Health & Safety

Product Health and Safety Data Sheet must be read and understood before use.

Warranty & Guarantee

Chemical Europe warrants that its product complies, within its shelf life, to its specification.

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Chemical Europe cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the products suitability for their own applications.