

DOMOSTYL® HYBRIDE Glue



HYBRIDE



1. MATERIAL:

Product:

DOMOSTYL® HYBRIDE is an MS polymer based permanently elastic neutral mastic adhesive.

Base	MS polymers
Consistency	Thick
Hardening system	Reacts with moisture in the air
Skin formation	10 min. approx (at 20°C/65% R.H.)
Speed of polymerization	2mm/24h (at 20°C/65% R.H.)
Hardness (Shore A)	40±5 according to norm DIN 53505
Density	1.67g/mL
Elastic recovery	75% (ISO 7389)
Maximum deformation	20%
Temperature resistance (after hardening)	-40°C to +90°C
Elasticity module at 100%	0.75N/mm ² (DIN53504)
Maximum tension	1.80N/mm ² (DIN53504)
Elongation at break	750% (DIN53504)
Shear stress	0.9 N/mm ²
Substrate	AlMgSi1
Thickness of the layer	2 mm
Traction speed	10 mm/min



we will succeed together

NMC sa reserves the right to update the product line or its technical features to the state-of-the-art technology anytime and without previous announcement. All given information is to the best of our knowledge. If you have any questions concerning technical details please contact the NMC sa information service. Any partial reproduction or reprint shall require our explicit approval.

NMC sa

Gertrud-Strasse – B-4731 Eynatten

☎ +32 87 85 85 00 – 📠 +32 87 85 85 11

info@nmc.eu



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2. SPECIFIC PROPERTIES

- Easy application and extrudability
- Good adherence
- Permanently elastic after polymerization
- Excellent resistance to UV rays and weather
- Can be painted with water based paints. Silicone resin, silicate paints and their mixed products must not be used.
- No primer required (except in conditions subject to great water pressure)
- Contains no isocyanates, solvents, acids or halogens

3. USE

Applications:

Gluing and joining decorative items.

Packaging:

Colour: white

Container: 290 ml cartridge

Shelf-life:

Sealed packaging, in a cool, dry location, at temperatures of +5°C to +25°C. See date on packaging

Chemical resistance:

Suitable for water.

Supports:

Type: most normal construction materials: aluminium, stone, treated wood, PVC, etc.

Conditions: clean, dry, dust and grease free.

We recommend testing gluing on all substrates.

Dimensions of joints:

Minimum width: Gluing: 2 mm

Pointing: 5 mm

Maximum width: Gluing: 10 mm

Pointing: 30 mm

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Application method:

- Application: manual or pneumatic gun
- Application temperature: +10°C to +30°C
- Cleaning products: Directly after application with white spirit, after drying: mechanically
- Finishing: smoothing with soapy water before skin forms.
- Repair: the same product

Finishes:

DOMOSTYL® HYBRIDE can be painted, but given the wide variety of paints and lacquers, we always recommend prior testing for compatibility. Alkyd resin based paints may be slower to dry.

4. SPECIAL INSTRUCTIONS

Safety measures:

Usual working hygiene.
See Safety Data Sheet.

Important note:

Physical properties of the products and the laying surfaces cause different natural expansion coefficients, and induce that the joint and the glue move or that (fine) hair cracks can be seen. This fact does not constitute grounds for complaint.

Other technical data in accordance with DIN EN 15651-1:2012 are given in the declaration of performance Nr. W29SE HYB100 (www.nmc.eu/dop).