

# DOMOSTYL® HYBRIDE Glue



## Technical properties:

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	40±5 Shore A
Density	1.67g/mL
Elastic recovery	75% (ISO 7389)
Maximum deformation	20%
Temperature resistance	-40°C to +90°C (after hardening)
Elasticity module at 100%	0.75N/mm <sup>2</sup> (DIN53504)
Maximum tension	1.80N/mm <sup>2</sup> (DIN53504)
Elongation at break	750% (DIN53504)
Shear stress	0.9 N/mm <sup>2</sup>
Substrate	AlMgSi1
Thickness of the layer	2 mm
Traction speed	10 mm/min

## Product:

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

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## Characteristics:

- Easy application and extrudability
- Good adherence
- Permanently elastic after polymerization
- Odourless
- No bubble formation in the mastic, even under damp and warm conditions
- Excellent resistance to UV rays and weather
- Can be painted using water-based paints
- No primer required (except in conditions subject to great water pressure)
- Contains no isocyanates, solvents, acids or halogens

## Applications:

Gluing and joining decorative items.

DOMOSTYL® HYBRIDE adhesive displays excellent adherence to most normal building materials. The product has been tested on a variety of metal substrates: stainless, AlMgSi1, electrolytically galvanized steel, AlCuMg1, zinc plated steel, AlMg3 and ST1403 steel.

The product also displays very good adherence to the following synthetic substrates: polystyrene, PVC, ABS, polyamide, PMMA, fibreglass and polyester reinforced epoxy.

The product does not adhere to PE, PP and PETP (Teflon).

## Substrate preparation:

Remove all traces of stripping agents or decoration.

In order to ensure optimal adherence to these substrates test gluing is recommended. We do not recommend using the adhesive with polycarbonate plates.

## Packaging:

Colour: grey

Container: 290 ml cartridge

## Shelf-life:

12 months in its closed packaging in a dry, cool environment, at temperatures between +5°C and +25°C.

## Chemical resistance:

Good resistance to water, aliphatic solvents, dilute inorganic acids and alkalines, oils, grease.

No resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

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**Substrates:**

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.

**Sizes of joins:**

Minimum width: Gluing: 2 mm

Pointing: 5 mm

Maximum width: Gluing: 10 mm

Pointing: 30 mm

**Method of use:**

Application: manual or pneumatic gun

Application temperature: +1°C to +30°C

Cleaning product: white-spirit immediately after application.

Finishing: smoothing with soapy water before skin forms.

Repair: the same product

**Comments:**

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.

**Safety measures:**

Usual working hygiene.