

TECHNICAL DATA SHEET

TRIGRIP HIGH TACK HYBRID POLYMER ADHESIVE

PRODUCT IDENTIFIER

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| Product Name: | TriGrip High Tack Hybrid Polymer Adhesive 1345241 Rev.1 |
| Revision Date: | 30-SEP-2025 |

TriGrip is a Hybrid(MS) based, one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding heavy building materials without the use of clamps and/or fixing tape.

Features & Benefits

- High initial grab
- Does not contain solvent, silicone or isocyanate
- Semi-elastic bonding
- Very good UV resistance
- Excellent elasticity and very good adhesion strength
- Over-paintable with water based paints
- No bubble formation
- No shrinkage
- Primer less adhesion on many different substrates (preliminary test recommended)

Application Areas

- Wall cladding elements and ceiling panels
- Sound isolation panels (mineral wool, wood-wool cement & plastic foams)
- Thermal isolation panels (PUR, PIR, PS)
- Casings and frames in building construction
- Wooden and plastic laths, ornaments and frames
- Doorsteps, window sills, skirting boards and cover plates
- Complete construction elements (such as roofing and facade elements) in frame.

Instructions

- Before the application, the tip of the cartridges is cut and a plastic cap is fixed.
- The tip of the cap is cut according to the width of the surface and fixed to the cartridge gun.
- Apply the adhesive in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows.

TECHNICAL DATA SHEET

- Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). The parts can at this stage still be adjusted, but finally it should be pushed down well over the other or tapped with a rubber hammer.
- Any adhesive that may protrude along the edges can be removed using a stopping knife. Adhesive residue that has not yet dried,
 - can be removed using white spirit or alcohol. Dried adhesive must be removed mechanically.
- Joint width/depth ratio should be 2:1.

Consumption (Approx.)

| | | | |
|--------------------|----------|------------|------------|
| Joint Width | 10mm | 15mm | 20mm |
| Joint Depth | 5mm | 8mm | 10mm |
| Efficiency /290 ml | 6 metres | 2.5 metres | 1.5 metres |

Surface Preparation

Following cleaning procedure and materials are recommended:

| | |
|---|--|
| Glass | Degrease with alcohol or MEK |
| Aluminium, light alloys and stainless steel | Degrease with alcohol or MEK |
| Other Metals | Lightly abrade then degrease as above |
| Wood | Lightly abrade surface then remove dust |
| Plastics | Degrease using an agent recommended by plastics manufacturer |
| Concrete and other alkaline Surfaces | Brush and remove dust |

Standards

Meets or exceeds the requirements of the following specifications:

The requirements of VOC content specifications in LEED credit EQc4.1

"Low-emitting products" of SCAQMD rule 1168.

The French VOC requirements for class A+

CE marked for EN 15651 for façade applications.

Restrictions

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.

TECHNICAL DATA SHEET

- TriGrip can be applied to a variety of substrates directly. If not sure, we recommend a preliminary compatibility test.

Storage & Shelf Life

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +10 °C and +25 °C in moisture free conditions.
- The opened products should be consumed immediately.
- Shelf life is maximum 12 months conditional to complying with the aforementioned storage conditions.

Safety & Disposal

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Properties

| CHEMICAL BASE | Silane Terminated Polymer |
|------------------------------------|---|
| Curing System | Moisture |
| Density | 1.49 ± 0.03 gr/ml |
| Appearance/Color | Paste, White, Black or Grey |
| Tack Free | 5-10 min (23°C and %50 R.H.) |
| Curing Rate | Approx. 3,5 mm/ 24 hr (23°C and %50 R.H.) |
| Specific gravity (ASTM D 1045-86) | 1,56±0,03 g/cm ³ |
| Shore A Hardness (ISO 868) | 50±5 |
| Elongation at Break % (ISO 37) | ≥%300 |
| Volume Loss | < -%3 (23°C and %50 R.H.) |
| Tensile strength (MPa) (DIN 53504) | >1,90 |
| Shear Stress | 3121-3237 Pa. |
| Viscosity (Pa.s) | 3052-3166 Pa.s at 25°C |
| Viscosity (cps) | 3052000- 3166000 Cps at 25°C |
| Heat Resistance | -40oC and +90oC |
| Application Temperature | +5oC and +40oC |

TECHNICAL DATA SHEET

Product

| Product Type | VOLUME | PACKAGE |
|--------------|--------|---------|
| Grey, White | 290ml | 12 |
| Grey, White | 600ml | 12 |

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