

Technical Data Sheet
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T- FLEX 175 HYBRID



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Version: 00

Rev. Date: 00

1. Product Description

T-FLEX 175 Hybrid is one component, moisture curing, high performance silane terminated sealing material.

T-FLEX 175 Hybrid is a new generation isocyanate-solvent free sealant that brings together all the mechanical properties of polyurethane and silicone sealant.

2. Properties

- § Easy application
- § Environment friendly
- § Solvent and isocyanate free
- § No release of volatile organic components (VOC's)
- § Non sag
- § Resistant to chemicals.
- § Paintable with all types of paints. (including water-based paints)

3. Technical Information

Chemical Base:	Silane Terminated Polymer
Specific gravity: (ASTM D 1045-86)	1,71±0,03 g/cm ³
Tack free time: (25°C and 50% R.H)	> 15 min
Shore Hardness: (ASTM D 53505)	35±5
Elongation at break (%): (DIN 53504)	> 150
Tensile strength (MPa): (DIN 53504)	> 1

4. Application Details

Application Temperature:	+5 °C to +35 °C
Temperature Resistance:	-40 °C to +90 °C

The application surface must be solid, clean, dry and free of dust, oil and grease.



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T-FLEX 175 Hybrid is suitable for mounting and pasting of materials such as metal, aluminum, glass, plastic, wood and concrete with each other.

It can be used for construction industry, both indoors and outdoors as an elastic adhesive;

- Insulation of window and door elements,
- Connection joints of wood and metal structures,
- Installation and insulation of facade elements,
- Building facades,
- Roof constructions,
- Concrete joints.

5. Packaging

Sausage, cartridge

6. Colors

White, black and grey.

7. Shelf Life

Store the product in a cool and dry place.

The shelf life is 12 months at temperatures between +5 °C and +25 °C.

8. Caution

Keep out of reach of children.

Avoid contact with skin.

9. Health and Safety

For more 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, and toxicological and other safety related data.