

Superfix Turbo

1-C HYBRID ADHESIVE/SEALANT – HIGH INITIAL ADHESIVE STRENGTH

TECHNICAL DATA SHEET

SMART PRODUCT ADVANTAGES

- Extremely high initial tack
- Heat resistance cured -40°C to +90°C
- Good resistance to moisture and weather
- Solvent-free and odourless
- Fast skin formation
- Bubble free and no shrinkage

FIELD OF APPLICATION:

Bostik Superfix TURBO is a one-component assembly adhesive based on hybrid technology with high initial adhesion. It is suitable for the elastic bonding of a variety of materials used both indoors and outdoors.

- For bonding of many building materials
- For bonding in the field of car body, bus, and ship building
- For bonding of rockers, spoilers, mouldings.

PROPERTIES / ADHESION:

Bostik Superfix TURBO adheres to a wide variety of substrates, shrinks only slightly and is free from silicon and isocyanate. Superfix TURBO provides good weather and chemical resistance.

PREPARING OF THE BONDING AREAS:

As a priming coat we recommend BOSTIK 5075. The 1C primer is suitable for concrete, cellular concrete, cement, gypsum and other absorbent, porous building materials, as well as for some metals and plastic material (flash time: min. 1 h – max. 6 h).

Applicable without primers, e.g. on anodized aluminium, galvanized steel, chromate steel, rigid PVC, and polystyrene. On metallic surface, a clear improvement of adhesion is achieved by cleaning of the bonding areas with adhesion improving cleaner Bostik 5001 or Bostik 5004.

The bonding areas must be solid, capable of bearing loads, clean, dry, and free from grease and dust. All substrates must be compatible with SuperFix TURBO; i.e. they may neither contain bitumen nor tar. In the



case of plastics, adhesion and compatibility must be tested in each individual case. When applying on coated surfaces, a preliminary test of compatibility will be required. For example, when applied to acrylic coatings, plasticizing agent migration can lead to reduced adhesion.

PROCESSING:

Homogeneously apply Bostik SuperFix TURBO on the bonding areas in form of triangular beads. For bonding, place the top material onto the substrate and press the adhesive in homogeneously. Ensure that the layer of adhesive is at least 2 mm thick, so that the adhesive will be able to accommodate elastic movement when fully hardened.

CLEANING:

When still fresh, any excess product can be removed using BOSTIK SOLVENT 250 or BOSTIK SOLVENT 300. These solvents can also be used to degrease the surfaces prior to gluing. When cured, Bostik Superfix TURBO can only be removed mechanically.

STORAGE:

Store in a cool, dry place between +5°C and +25°C. The product can be stored for 18 months when left in the original, unopened packaging.

PACKAGING:

435 g cartridge, white

GEV-EMICODE

EC 1 R - very low emission



TECHNICAL SPECIFICATIONS AND DATA

Base	silane-terminated polymers, neutrally cross-linking
Colour	White
Curing method	by air humidity
Specific Weight	approx. 1.5 g/cm ³ (DIN 52451-PY)
Skin forming time (at 23 °C, 50 % r. H.)	approx. 15 min.
Full hardening (at 23 °C, 50 % r. H.)	approx. 2.5 mm/24 hours
SHORE A-hardness	approx. 55 (DIN 53505, 14 d - 23 °C/ 50% r. H.)
Surface tension to break	approx. 2.7 N /mm ² (2 mm film; 28 d- 23°C / 50% r. H.)
Elongation to break	>400% (2 mm film; 28 d- 23°C / 50% r. H.)
Tensile lap-shear strength	approx. 1.6 N /mm ² (DIN 281 - oak, 3d - 23°C / 50% r. H.)
Heat resistance	approx. -40°C to +90°C
Application temperature	from + 5 °C to + 40 °C

These instructions reflect the extent of our current knowledge and are the result of extensive testing and practical experience. Due to the large number of the possible applications and storage and processing factors over which we have no control, we cannot guarantee good results in each individual case. We recommend testing the product first before final application. Slight discolouration of sealants can occur under UV-radiation. Slight colour differences between the batches are possible through the production process. No liability can be accepted for absolute colour fidelity. Use material of the same charge-number for a building object. Our technical and commercial advisory service will be pleased to answer your queries.

This data sheet supersedes all previous issues.

Issued: 03.17

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