

H551 SUPERGRIP MULTI

1-K-HYBRID-ADHESIVE SEALANT - ELASTIC

TECHNICAL INFORMATION SHEET

SMART PRODUCT ADVANTAGES

- solvent-free and odourless
- easy to squeeze out
- no blistering
- very small shrinkage
- broad adhesive range
- silicone-free
- good UV resistance

AREA OF APPLICATION:

H551 SUPERGRIP MULTI is suitable for the indoor and outdoor elastic bonding of different materials, temporarily even for underwater use, in swimming pools and in wet areas.

- bonding of films in the façade area (such as butyl and EPDM films)
- gluing of panels
- gluing of baseboards, skirting and mouldings
- adhesive applications in wood, metal and container construction
- gluing and grouting of tiles under water

PROPERTIES/ADHESION:

H551 SUPERGRIP MULTI is a versatile applicable single component adhesive sealant. H551 SUPERGRIP MULTI is resistant to water and vulcanises with humidity to an elastic adhesive which has an outstanding resistance to weather and chemicals. H551 SUPERGRIP MULTI is free of solvents, silicone and PCP and has minimal shrinkage. H551 SUPERGRIP MULTI can be painted over in accordance with DIN 52452, Part 4. However, due to the large number of possible coating materials, own tests must be carried out. H551 SUPERGRIP MULTI is suitable for underwater areas in pools to glue temporarily ceramic floor covers and for temporary extension and expansion joints (maintenance joints) until the next revision of the basin (max. 1 year). Water vapour permeability was tested in accordance with DIN EN 12086 in consideration of DIN EN 1931. Checked for sealing construction joints on buildings made of water impermeable concrete (white tank construction) in accordance with the List of Building Rules, Part 2, no. 1.4.



Clearance declaration for vehicles transporting food products and companies processing food products (Regulation (EC) No. 1935/2004 and LFGB §§ 30 and 31).

PREPARATION OF THE ADHESIVE SURFACES:

Adhesive surfaces must be solid, load-bearing, clean, dry, free of grease and dust. All substrate materials must be compatible with H551 SUPERGRIP MULTI in accordance with DIN 52452, Part 1; they may not contain bitumen or tar. Adhesion and compatibility with plastics must be tested with each item. A preliminary compatibility test is necessary when used on coated sub-floors. Therefore, e. g. in the case of coating materials containing acrylates, a loss of adhesion is possible due to plasticiser migration.

METHOD OF USE:

H551 SUPERGRIP MULTI must be applied onto the surface evenly with pressure. To glue, place the counter-substrate over it and press the adhesive evenly. Maintain a thickness of the adhesive bed of at least 2 mm so that the cured adhesive can absorb movements with elasticity.

APPLICATION LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics neoprene, and bitumous substrates
- Not suitable for permanent contact with water
- Not suitable for bonding mirrors

CLEANING:

Any dirt can be removed in its fresh state with Bostik Niboclean Pro cleaning wipes. BOSTIK SOLVENT 300 can also be used to decrease the bonding surfaces. Once cured, H551 SUPERGRIP MULTI can only be removed mechanically.

STORAGE:

Store in a cool and dry place between + 5°C and + 25°C Storage capacity is 18 months in unopened original containers.

DELIVERY FORM:

430 g cartridge, white
430 g cartridge, black
430 g cartridge, grey

CE MARKING:

CE EN 15651-1F EXT INT 12.5^F



TECHNICAL INFORMATION AND DATA

Basis	Silane-terminated polymers, neutral cross-linking
Colours	white, grey, black
Curing system	through humidity
Stability	stable; < 2 mm (DIN 52454-ST-U 26-23)
Application amount	> 100 g/min. (DIN 52456 - 6mm)
Spec. weight	approx. 1.5 g/cm ³ (DIN 52451-PY)
Skin formation time (+ 23 °C/ 50 % RH)	approx. 15 min
Setting process (+ 23 °C/ 50 % RH)	approx. 3 mm/24 hours
Volume change	< - 3 % (DIN 52451-PY)
Tensile strength (2mm film)	approx. 2,5 N/mm ²
Tear stretch (2mm film)	approx. 400 %
SHORE A hardness	approx. 55 (DIN 53505, 4 weeks 23°C/50 % RH)
max. Movement absorption	12.5%, relative to the starting width of the joint
Temperature resistance	approx. - 40 °C to + 100 °C
Processing temperature	+ 5 °C to + 40 °C (temperature of the assembly part)

With these notes, we aim to give you the best advice possible based on our trials and experience. We cannot always guarantee results for an individual job due to the multitude of application options as well as the storage conditions and performance data of our products being beyond our control. Carry out your own tests. Slight staining possible with sealants when exposed to sunlight. Minor colour differences between batches due to production methods. We cannot guarantee total colour accuracy. Use materials from the same batch for your specific item. Our technical consulting service is at your disposal.

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Bostik GmbH

An der Bundesstraße 16 · D-33829 Borgholzhausen
Tel.: +49 5425 801-0 · Fax: +49 5425 801-140
E-Mail: info.germany@bostik.com
www.bostik.de

BOSTIK HOTLINE

Smart help
+ 49 5425 801-0



Bostik GmbH

Steinabrücklerstraße 48 · A-2752 Wöllersdorf
Tel.: +43 (0) 26 33 41 39 92 15
E-Mail: info.austria@bostik.com
www.bostik.de