



## BOSS<sup>®</sup> RAPID FIX ULTRA

### TECHNICAL DATA

Basis	SMX Hybrid Polymer
Consistency	Stable paste
Curing System	Polymerisation through moisture
Skin formation time*(23°C   50% R.H.)	20-25 min
Curing speed *(23°C   50% R.H.)	3 mm/24h
Hardness Shore A points**	50 ± 5
Density	1.66 g/ml
Tensile Strength** (ISO 37)	1.70 N/mm <sup>2</sup>
Elasticity modulus 100%** (ISO 37)	1.30 N/mm <sup>2</sup>
Elongation at break** (ISO 37)	>200 %
Temperature resistance**	-40°C → 90°C
Application temperature	5°C → 35°C

\* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

\*\* This information relates to fully cured product.

## Description

BOSS<sup>®</sup> Rapid Fix Ultra is a premium, one-component adhesive sealant based on advanced SMX polymer technology. It offers fast strength build-up, high initial tack and excellent adhesion on multiple substrates. The product is solvent-free, isocyanate-free and eco-friendly, making it safe for both indoor and outdoor use. Ideal for applications requiring instant grab, durability and long-lasting performance.

## Properties

- Fast curing with high initial tack
- High final strength
- Excellent adhesion on a wide range of materials
- Stays permanently elastic after curing
- No bubble formation under high temperature and humidity
- Does not shrink or stain surfaces
- No odour during or after application
- Good UV and weather resistant
- Can be painted after curing
- Bonds to damp surfaces
- Does not corrode metals or alkaline surfaces

## Applications

- Bonding of mirrors to tiles, plywood, laminate, and other surfaces
- Bonding of stone, concrete, PVC, fiberglass, marble, granite, and similar materials
- Fixing bathroom and kitchen fittings
- Mounting wall cladding elements like ACP, WPC, plywood, tiles on frames or walls
- Sandwiching wooden frames with stone & Mounting stone tops on plywood
- Sealing joints in low-movement wall or floor joints
- Elastic bonding of panels, profiles, or frame applications

## Packaging

Colour: White

Packaging: 290ml cartridge

## Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

## Chemical resistance

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.



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### Substrates

**Substrates:** many porous and non-porous substrates, metals, aluminium, wood, PVC, ... Nature: rigid, clean, dry, free of dust and grease.

**Surface preparation:** Prepare non-porous surfaces with a surface activator or cleaner. Porous surfaces should be primed with Primer. Not suitable for PE, PP, PTFE (eg Teflon<sup>®</sup>), bituminous substrates, copper or copper containing materials such as bronze and brass. We recommend a preliminary adhesion and compatibility test on every surface.

### Application method

**Application method:** With manual - or pneumatic caulking gun.

**Cleaning:** Clean with white spirit or surface cleaner immediately after use (before curing).

**Finishing:** With a soapy solution or finishing solution before skinning.

**Repair:** With the same material.

### Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

### Remarks

- A change in colour does not affect the technical properties of the product.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discoloration and loss of adhesion.

**Disclaimer:** This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

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