TECHNICAL DATA SHEET

BOSS® PRODUCTS

REVISION | 29-05-2026

BOSS UNISEAL

TECHNICAL DATA

Basis	Acrylic dispersion
Consistency	Paste
Curing System	Physical drying
Skin formation time* (23°C/50% R.H.)	Approx. 20 min
Density	1.65 ± 0.03 g/ml
Temperature resistance**	-20 → 80 °C
Application temperature	5 → 30 °C

*These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.
**This information relates to fully cured products.

Description

BOSS Uniseal is a plasto-elastic one-component, water based acrylic joint sealant.

Properties

- Very easy to apply
- Colourfast and waterproof after curing
- Can be painted over after curing
- Good flexibility
- Very good adhesion on many porous surfaces and aluminium

Applications

- Sealing the gap of the construction wall
- Joints on window-sills, between skirting board and floor, between brickwork, etc.,
- General waterproofing application

Storage & Shelf life

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. Protect against frost.

Packaging

Colour: White
Packaging: 270 ml (410 g) cartridge & other sizes available on request.

Substrates

Substrates: All common porous building substrates
Nature: Clean, free of dust and grease.
Surface preparation: Highly porous surfaces should be primed with diluted BOSS Uniseal sealant (1 part BOSS Uniseal sealant + 2 parts water). Not suitable for natural stone, bitumen, glass and metal. We recommend a preliminary adhesion test on every surface.

Joint dimensions

Min. width for joints : 5 mm
Max. width for joints : 20 mm
Min. depth for joints : 5 mm
Recommendation for sealing jobs: joint width = joint depth. Use PE backer rods before applying the sealant in large joints to avoid 3-point adhesion.

Application method

Do not apply when rain or frost is imminent during curing process.
Application method: With manual or pneumatic caulking gun. Finish with a spatula or putty knife.
Cleaning: Before curing, BOSS Uniseal sealant can be removed with water from tiles and tools.
Finishing: Finish with a spatula or putty knife. Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label for more information.

BOSS UNISEAL

Remarks

- Do not use in applications where continuous water immersion is possible
- Paintable with most paints
- The paint must be sufficiently elastic to allow application on a plasto-elastic sealant
- Given the great diversity in available paints, it is recommended to do a compatibility test prior to application.

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.

Accumetric Silicone Pvt Ltd

Plot No.17, CMDA's Industrial Area, Melrosapuram,
Sengundram Village, S.P.Koil Post,
Chengalpattu – 603 204.
Email: info@bossproducts.in
Website: www.bossproducts.in