TECHNICAL DATA SHEET

BOSS® PRODUCTS

REVISION | 29-05-2026

BOSS ACRY SEAL

TECHNICAL DATA

Basis	Acrylic dispersion
Consistency	Paste
Curing System	Physical drying
Skin formation time* (23°C/50% R.H.)	20 min
Density	1.65 ± 0.02 g/ml
Shrinkage (DIN 52451)	Approx. 15 %
Maximum allowed distortion (ISO 11600)	12 %
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 Acryseal is a high-quality, quickly paintable plasto-elastic one-component joint sealant based on acrylic dispersion.

Properties

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

Applications

- For industrial and electrical application
- Sealing & bonding mechanical joints on wide variety of substrates

Storage & Shelf life

18 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: 450 gm cartridge.

Substrates

Substrates: All common porous building substrates
Nature: The substrates to be sealed must be clean, dry and free of dust.
Surface preparation: Highly porous surfaces should be primed with diluted BOSS Acryseal (1 part BOSS Acryseal + 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 : 30 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 Acryseal can be removed with water from tiles and tools. Cured sealant must be removed mechanically.
Finishing: With wet putty knife or trowel Repair: With the same material.

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Health- and Safety Recommendations

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

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.

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