

Acryl-Crackfree®

High quality, paintable acrylic sealant

Factsheet: Acryl Crackfree 2209NL

Acryl-Crackfree is an acrylic based sealant that can be painted over very well with water-based and solvent-based paints. Use of Acryl-Crackfree prevents paint problems such as crackles and discoloration of the paint.



Applications

- Sealing of cracks and seams to be over painted
- For black sides of door frames and window frames
- Along window sills, partitions, ceilings, baseboards, side boards of stairs, cover slats, decorative moldings, etc.
- Cracks in concrete, plaster and paintwork

Characteristics

- Prevents crackle and discoloration of the paint
- Adheres to most surfaces
- Easy to process
- Easy to clean with water
- Plasto-elastic conduct after drying
- Applicable on slightly damp surfaces

Specifications

- CE-Marking, EN15651-1: F-Ext-Int: Class 7.5P

Joint dimensions

- Joint depths must be in proportion to the joint width.
- Use Bloem PE or PU round foam backing to determine the correct joint depth and to prevent three-point adhesion
- Minimum joint width = 5 mm
- Joint widths up to 10 mm = equal joint depth
- Joint width ≥ 10 mm = joint width divided by 3 + 6 mm

Substrates

Acryl-Crackfree gives good adhesion to most building materials. Remove loose parts in advance. Substrates must be dust and grease-free, but may be slightly damp. Highly absorbent substrates such as sand-lime bricks, plaster and aerated concrete can be primed with a solution of 1 part Acryl-Crackfree on 2 parts water (as an adhesive primer). In any case of doubt, please perform adhesion tests and/or seek advice prior to use.

Technical data at 23°C and 60%RV:

Basis:	Dispersion acrylate
Handling temperature:	+5°C to +40°C
Resistance to temperature:	-20°C to +80°C
Resistance to temperatures during transportation:	Up to -15°C
Tooling time:	10 to 30 min
Movement capability:	7.5%
Hardness (DIN 53505):	±40° Shore-A
Density g/cm³:	±1,60 ±0.05 g/cm³
E-Modulus 100%, DIN53504S2*:	0,75 N/mm²
Tensile strength, DIN53504S2*:	0,7 N/mm²
Elongation at break, DIN53504S2*:	± 200%
Consistency (DIN EN 27390):	non sag
Organic solvent:	0.00 (VOC/EEC)

Paintability

Acryl-Crackfree is generally paintable with water-based and solvent-based paint systems. The best results for repainting Acryl-Crackfree are achieved after complete curing of the joint. If in doubt, we recommend that you test yourself first.

Handling

Extrude with a standard hand or cordless electric caulking gun. Finish joints with water before skin formation using a putty knife or rubber spatula. Prevent tooling traces on porous substrates such as brick or concrete. If this has happened, remove traces with plenty of water and a soft brush.

Limitations

Do not use for applications where joints are exposed to constant water immersion and joints underground. Protect fresh joints against rain for at least 5 hours during skin formation. Do not apply to PE, PP, PC, Teflon, neoprene and bitumen.

Available standard color

Standard white.

Packing

Cartridges of 310ml

Storage and use

Store dry and cool between +5°C and +25°C, in its original sealed packing. Use best before 12 month after production.

Safety Precautions

Avoid long lasting contact with skin. In case of contact with the eyes, rinse with plenty of water and consult a doctor. Avoid any contact with food as long as the sealant is not fully cured. Keep away from children. The product is not hazardous when applied properly and correctly. Material Safety Data Sheets (MSDS) can be obtained upon request.

Transportation classification

No special measures required

