

## Acryl-Clear®

### White acrylic sealant that becomes transparent by curing

Factsheet: Clearacryl 2209EN

AcrylClear is a an acrylic sealant that is white when extruded, but becomes transparent by curing through evaporation of water.



#### Applications

- For use as clear sealant and adhesive on various porous substrates such as brick, concrete, wood, etc.
- V-joints in the parapet areas of wooden windows and doors, against the ingress of moisture.

#### Characteristics

- Becomes transparent when cured
- Easy to apply
- Neutral odour
- Paintable
- Very low VOC content,
- Waterproof after curing
- Non corrosive to metal

#### Specifications

- CE-Marking, EN15651-1: F Ext-Int
- French VOC requirements for class A+
- Requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

#### Joint dimensions and efficiency

The recommended joint depth/width ratio is 1:2.

Joint width / mm	5	10	15	20	25
Joint depth / mm	3	5	8	10	12
Meters / 310ml	20	6	2,5	1,5	1

#### Technical data at 23°C and 50%RH

Processing temperature:	+5°C to +40°C
Temperature resistance:	-10°C to 80°C
Skin formation (ASTM C679):	15 to 60 minutes
Curing speed / 24 hours :	2 mm
Hardness (DIN 53505):	40° Shore-A
Density (ASTM D792):	1,05 ± 0,03 g/ml
Weight loss:	Ca 30%
Tensile strength:	≥ 0,10 Mpa
Max. tensile strength:	≥ 0,30 Mpa
E modulus 100% (DIN 52455) ≥	0,20 MPa
Elongation at break (ISO 8339)	≥ 400%
Movement capability:	12,5%

#### Processing advice

- Substrates should be clean and free from dust, grease, rust and loose particles.
- No primer is required for non-porous surfaces.
- On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts of water) can be applied.
- The Immediately after the application, smooth the sealant at once with wet finger or a wet tool.
- Excess sealant can be removed by a wet cloth. Keep the sealed joint dry at least for two hours.

#### Restrictions

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Should not be applied for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

#### Processing

Apply with standard hand, battery or air gun. Level and finish the sealant with a joint nail or moisturised spatula. If the sealant has not yet fully cured, tools and stains can be cleaned by means of water and a brush. Vulcanised sealant can only be removed mechanically.

#### Packaging

310ml cartridges, 600ml sausages

#### Colours

Standard white which becomes fully clear after curing.

#### Shelf life

For at least 12 months in unopened packaging in a cool and dry storage at temperatures between 5°C < 25°C.

#### Safety measures

Keep product out of reach of children. In general, long-term skin contact should be avoided. Prevent contact with food and other consumption products until sealant has vulcanised. After contact with eyes, flush with plenty of water and consult a doctor if necessary. When used according to its intended purpose, the vulcanised product does not pose any risk. See MSDS (safety data sheet) for additional info.

#### Transportation classification

Not applicable, therefore no special measures required.

