

Product Information:

Acrylic Clear 509

Translucent – for protection of glued joints

General description and applications:

Acrylic Clear 509 is a plasto-elastic acrylic sealant.


The sealant becomes transparent when cured and is used for filling of narrow cracks in framewood, board joints, as a protection against water penetration at glue joints and similar areas, where narrow joints and sealing is required.

The sealant is also suitable as an adhesive for wood, bricks, concrete etc, and generally shows good adhesion to most building materials.

Acrylic Clear 509 is easy to tool, paintable with most common paints and with good resistance for outdoor application.

The product is registered in the database for construction products that can be included in the Nordic Ecolabelled construction.



Member of  Danish Association of Sealant Applicators & Manufactures.

Physical / chemical properties:

Uncured sealant:

Type: Modified acrylic sealant
 Colours: White (transparent when cured)
 Contains fungicide: No
 Specific gravity: Approx. 1,1 kg/L
 Shelf life: 1 year in original unopened packing, if stored cool and dry.

Packaging:

Item no.	Size
50931	300 mL cartridge
50920	20 mL tubes

Cured sealant:

Paintable: Yes
 Hardness: 42 Shore A
 100 % Modulus: 0,80 MPa
 Resistance: Temperature: Approx. -20 °C to 75 °C.
 UV: Good
 Water: Good, not constant water.



Directions for use:

- Preparation:** *All surfaces must be clean, free from oil, grease and loose particles.*
- Acrylic Clear 509 can be used without primer on surfaces like wood, stone, concrete, bricks and painted surfaces. Very porous surfaces should be primed with a dilution of 1part Acrylic Clear and 2 parts of water.*
- In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before commencing, in particular in larger applications.*
- Application temperature:** *+5 °C to +40 °C.*
- Application:** *The sealant is applied with a hand- or pneumatic gun. The sealant is pressed in place and finished with a joint nail saturated with water.*
- If used outdoor the sealant must be protected from water.*
- Curing:** *Skinformation: 30 minutes at 23 °C, 55 % RH
The joint will cure in approx. 1-2 days.
Sealant cures slower at lower temperatures and higher relative humidity.*
- Treatment:** *After curing Acrylic Clear 509 can be painted with most types of paint.
Because of the differences in paint composition, we always recommend to carry out compatibility tests.*
- Cleaning:** *Tools can be cleaned - and sealant removed - with hot water before curing. Cured sealant can only be removed mechanically. Skin is washed with water and soap.*

Health and safety:

For further information on safety, refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

**DANA LIM A/S - KØBENHAVNSVEJ 220 - DK-4600 KØGE – DENMARK – INFO@DANALIM.DK
PH. (+45) 56 64 00 70 - TECHNICAL SERVICE PH. (+45) 56 64 00 75**