

Product Information:

Danaseal Acryl 504

Professional – All-round – Phthalate-Free

General description & application:

Danaseal Acryl 504 is a plasto-elastic phthalate-free water-based acrylic sealant, which can be painted after curing. The product cures under evaporation of water.


Danaseal Acryl 504 is used for sealing around doors and windows, and for filling cracks, board joints, tube passages etc. The sealant is also suitable for acoustic joints

Danaseal Acryl 504 can be used without primer on surfaces such as glass, anodised aluminium, treated wood, concrete, bricks etc

Danaseal Acryl 504 meets the requirements of Eimcode Class EC 1^{PLUS}.

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 & Manufacturers.

Physical / chemical properties:

Uncured sealant:

Type: Water-based acrylic sealant
 Contains fungicide: No
 Consistency: Paste, tixotropic
 Specific gravity: Approx. 1,65 kg/L
 Shelf life: 2 years in unopened packing, if stored cool and dry.
 Packaging:

Item no.	Colour	Size
50442	White	300 mL cartridge
50462	White	600 mL foilbags

Cured sealant:

Paintable: Yes
 Shrinkage: Approx. 15%
 Resistance: Temperature: Approx. -25 °C to 80 °C.
 Water: Not resistant to constant influence by water.



Directions for use:

Joint dimensions:

The sealant can be used in joints from 0 – 25 mm width.

To be able to absorb maximum movements, however, the joint should be minimum 7,5 mm wide. Use joint back-up material in correct dimension, which is placed according to the wanted depth of the joint.

Notice: In most building applications, there will be an acclimatisation of the building materials during the first months. This will happen in particular, after heating of the rooms. This will lead to shrinkage between the building elements, larger than the maximum movement accommodation of the sealant. Especially for narrow joints, this might lead to cracking of the joints. To repair this, the joint must be sealed again, when the building materials / elements have finally climatized.

Preparation:

All surfaces must be clean, dry, free of grease, dust and loose particles. Danaseal Acryl 504 can be used without primer on surfaces such as glass, anodised aluminium, treated wood, concrete, bricks and ceramic. Very porous surfaces should be primed with a dilution of 50 % water and 50% acrylic sealant.

In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before commencing – particular in larger applications. We recommend the use of covering tape, which should be removed immediately after application of the sealant.

Application temperature:

+5 °C to +40 °C.

Application:

The tip of the cartridge is cut off with a keen knife after which the tip is cut with an inclined cut, which is a bit smaller than the width of the joint. The sealant is applied using hand- or pneumatic gun.

The sealant is pressed in place and finished with a joint nail dipped in water, a wet sponge or a wet cloth, not later than 5 - 10 minutes after application.

Curing:

Skin formation: Approx. 10 minutes at 23 °C, 50 % RH.

Tack free: Approx. 15 minutes at 23 °C, 50 % RH.

The joint will cure in approx. 1 – 2 days in small joints. Larger joints will require a longer curing time. The sealant will cure slower at lower temperatures and higher relative humidity.

Treatment:

After curing Danaseal Acryl 504 can be painted with most types of paint. Because of the differences in paint composition, we always recommend to carry out compatibility tests. Cracking of the paint is possible when using non-glossy paint types.

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