

Product information:

Acryl Extra 505

Phthalate-free acrylic sealant, can be sanded and painted

General description and application:

Acryl Extra 505 is a specially developed phthalate free acrylic sealant for interior use in dry areas. The sealant has minimal shrinkage, suitable for sanding and gives a perfect surface for paint finish.

Acryl Extra 505 is used for interior sealing of smaller joints and cracks on panels, board joints, walls etc.

Acryl Extra 505 meets the strict environmental and indoor air quality requirements required for the Nordic Eco label and M1 certifications.

Acryl Extra 505 is CE labelled according to EN 15651-1, F-INT. For further information, see Declaration of Performance.



Physical / chemical data:

Sealant:

- Type: Waterbased acrylic sealant
- Contains fungicide: No
- Consistency: Paste
- Density: Approx. 1,65 kg/l
- Shelf life: Minimum 2 years in unopened packing if stored cool. Protect from freezing.
- Packaging:

Item no.	Colour	Size
50532	White	290 ml cartridge
50562	White	600 ml foilbag

Cured sealant:

- Paintable: Yes
- Shrinkage: Approx. 15 %
- Durability: 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 up to 15 mm width. Use joint back-up material in correct dimension, which is placed according to the wanted depth of the joint.

Note! In most building applications, there will be an acclimatisation of the building materials during the first months. This will occur after heating of the rooms. This may lead to shrinkage between the building elements, larger than the movement capacity 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 acclimatised.

Preparation:

All surfaces must be clean, dry, free of grease, dust and loose particles. Acryl Extra 505 can be used without primer on surfaces such as wood, concrete, bricks etc. Very porous surfaces should be primed with a solution of 50 % acrylic sealant in 50 % water.

In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient adhesion tests before commencing – particularly in larger applications.

Masking tape is recommended, which should be removed immediately after application of the sealant.

Application temperature:

Can be applied at temperatures from +5°C to +40°C.

Application:

Cut the tip of the cartridge a sharp knife. Then cut the tip with an inclined cut, which is somewhat smaller than the width of the joint. Apply the sealant by using hand- or pneumatic gun.

Press the sealant in place and finish carefully with a wet sponge, a wet cloth or a joint nail dipped in water, not later than 5 - 10 minutes after application.

Spreading rate:

For a joint with a cross section of 5 x 5 mm one cartridge is enough for approx. 12 m.

Curing:

Skin formation: approx. 5 minutes at 23°C and 50 % RH.

Tack free: approx. 10 minutes at 23°C and 50 % RH.

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

After treatment:

After curing Acryl Extra 505 can be sanded and painted with most paint types. Because of the many different paints on the market, it is always recommended to carry out a test.

Note that there is a risk for cracking of the paint, especially when the sealant is painted shortly after application and with non-glossy paints.

Cleaning:

Uncured sealant is removed with wipes or hot water.

Cured sealant can only be removed mechanically.

Wash skin with water and soap.

Health and safety:

See 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.

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