

Product Information:

Danaseal Interior Hybrid 521

Phthalate free, flexible, paintable and long work time

General description and application:

Danaseal Interior Hybrid 521 is used for indoor joints around gypsum boards, around windows and doors etc. The sealant is also suitable for acoustic joints.

Danaseal Interior Hybrid 521 has good working properties which makes the sealing job faster with an easily obtained smooth surface finish. Danaseal Interior Hybrid 521 can be painted with most common water-based paints.

Danaseal Interior Hybrid 521 cures from the humidity in the air into a flexible joint which can compensate movements in adjoining materials.

Danaseal Interior Hybrid 521 is free of smell, it is neutral and contains no phthalate or tin-catalyst.

Danaseal Interior Hybrid 521 obtains after curing a dry and dull surface.

Danaseal Interior Hybrid 521 has been tested and approved as a product with low emission according to the M1-classification.

Danaseal Interior Hybrid 521 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 **FO** Danish Association of Sealant Applicators and Manufacturers.

Physical / chemical data:

Uncured sealant:

Type: SMP (silane modified polymer), 1-component
 Contains fungicide: No
 Consistency: Paste, tixotropic
 Density: ca. 1,33 kg/litre
 Shelf life: 1 year in unopened packaging, if stored cool and dry.
 Emballage:

Item no.	Colour	Size
53562	White	600 mL foilbags
53532	White	300 mL cartridge
53561	Antique white	600 mL foilbags
53531	Antique white	300 mL cartridge

Cured Sealant:

Paintable: Yes
 Hardness: 25-30 Shore A
 Maximum movement
 Accommodation: +/- 20 %
 Durability: Temperature: -20 °C to +80 °C
 Good resistance to aliphatic solvents, oil, grease.
 Not resistant to concentrated acids and chlorinated organic solvents.

CE

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Directions for use:

- Joint dimensions:** Joints for which Danaseal Interior Hybrid 521 is used should be dimensioned so that the movement of the sealant is below +/- 20 %. The joint should be min. 6 mm and max. 30 mm wide. Use joint back-up material in the right dimension, which is placed according to the wanted depth of the joint. The depth of the joint is usually half of the width, although small joints should be square.
- Preparation:** All surfaces must be clean, dry, free of grease, dust and loose particles. Danaseal Interior Hybrid 521 can normally be used without primer on surfaces like glass, most metals, most painted surfaces and most plastics. For optimum bonding we recommend the use of Primer 960 on non-absorbent surfaces as e.g. stainless steel and acrylics or Primer 961 on porous surfaces as bricks and concrete etc.
- 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.*
- Knots:** Knots must be sealed due to risk for knot leaking into the sealant.
- Painted surfaces:** Linseed oil and alkyd-painted surfaces may cause yellowing of the sealant.
- Application conditions:** Can be applied at temperatures from +5 °C to +40 °C and a relative air humidity at minimum 30 %.
- 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 little smaller than the width of the joint. The sealant is applied by means of a hand- or pneumatic gun.
- Skinformation:** > 30 minutes at 23°C and 50% RF.
- Curing:** Approx. 2 mm/24 hours at 23 °C and 50 % RH.
The curing time is increased at lower temperatures and lower air humidity.
- Treatment:** After curing Danaseal Interior Hybrid 521 can be painted with most types of paint. Because of the many differences in paint composition, we recommend tests to be carried out. Especially when using slow curing alkyd paints or varnishes.
- For optimum bonding we recommend that the cured joint is cleaned with ethanol prior to painting, especially if it takes a period before painting will begin.*
- Cleaning:** Tools can be cleaned - and sealant removed with e.g. heptane or white spirit.
Cured sealant can only be removed mechanically.
Hands should be 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.

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