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 by reaction with moisture into a flexible joint which can compensate movements in adjoining materials.

Danaseal Interior Hybrid 521 is odourless and contains no phthalate or tin-catalyst.
Danaseal Interior Hybrid 521 obtains after curing a dry and dull surface.

Danaseal Interior Hybrid 521 meets the requirements of Emicode 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 and Manufactures.*

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*	*290 ml cartridge*
53561	*Antique white*	*600 m foilbags*
53531	*Antigue white*	*290 ml cartridge*
53534	*Grey beige*	*290 ml cartridge*
53539	*Light grey*	*290 ml cartridge*

CE
DANA LIM A/S
Københavnsvej 220
DK-4600 Køge
14
DOP: 15651-0521-1

EN 15651-1
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Cured Sealant:

Paintable:	*Yes*
Hardness:	*25-30 Shore A*
Maximum movement Accommodation:	*+/- 20 %*
Durability:	*Temperature: -20 °C to +30 °C*

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. The substrate contact area must be strong so it can withstand the forces that are transferred from the seal-joint to the substrate.* *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 963 on porous surfaces as bricks and concrete etc. We recommend the use of covering tape, which should be removed immediately after application of the 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.*
Application conditions:	*Can be applied at temperatures from +5 °C to +30 °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 water-based paint. Due to the many different products on the market, it´s likely there will be several paints that are not compatible, therefore we recommend testing.* *An overpainted joint is in many cases easier to clean.*
Discoloration of joints:	*Interior Hybrid 521 has over a number of years proved to be a sealant with the best properties against discoloration. However there are exceptions that can lead to discoloration for example, extracts from knobs, linseed oli and alkyd-paints surfaces, certain foiled plates and evaporation of other chemicals in the room. Very small joints, such as finish- and triangular joints are particular vulnerable to discoloration and should therefore be painted over.*
Cleaning:	*Uncured sealant can be removed with wipes.* *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.

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