

Product Information:

Sealflex Hybrid 522

Neutral, highly elastic sealant, paintable**General description and application:**

Seaflex Hybrid 522 is a neutral curing 1-component hybrid sealant.

Seaflex Hybrid 522 is moisture-curing and forms an elastic joint which has a movement capability of +/- 25 %.

Seaflex Hybrid 522 is paintable, can be used outside and inside and has excellent resistance to climatic influence.

Seaflex Hybrid 522 is used as a universal construction sealant in construction and industry. It is particularly suitable for expansion joints, façade joints and sealing tasks, where previously you would have used silicone sealant, but instead want polymer sealants paintability and compatibility.

Seaflex Hybrid 522 fulfills requirements in ISO 11600 F 25LM

Seaflex Hybrid 522 meets the requirements of Emicode Class EC 1^{PLUS}.Member of **FSO** Danish Association of Sealant Applicators & Manufacturers**Physical / chemical properties:****Uncured sealant:**

Type: MS-hybrid polymer, 1-component

Contains fungicide: No

Specific gravity: 1,41 kg/litre

Shelf life: 1 year in unopened packing, if stored cool and dry.

Packaging:

Item no.	Colour	Size
54542	White	290 mL cartridge
54549	Lightgrey	290 mL cartridge
54543	Grey	290 mL cartridge
54544	Brown	290 mL cartridge
54545	Black	290 mL cartridge
54546	Antracitgrey	290 mL cartridge
54552	White	600 mL foilbags
54533	Grey	600 mL foilbags
54554	Brown	600 mL foilbags
54555	Black	600 mL foilbags
54557	Concretegrey	600 mL foilbags
54558	Antracitgrey	600 mL foilbags
54559	Lightgrey	600 mL foilbags
545561	Cementgrey	600 mL foilbags
545572	Darkgrey	600 mL foilbags
545532	Greybeige	600 mL foilbags

Cured sealant:

Paintable: Yes

Hardness: approx. 30 Shore A

Maximum movement acc: +/- 25 %

Transport: Frost resistance during transportation till -15 °C.

Resistance: Temperature: -40 °C to +90 °C.

Climatic ageing (UV): good. Good resistance to water.

CE
DANA LIM A/S
Københavnsvej 220
DK-4600 Køge
14
DOP: 15651-0522-3

EN 15651-1
F-EXT-INT CC

Directions for use:

Joint dimensions:

Joints in which Sealflex Hybrid 522 is used should be dimensioned so that the movement of the free sealant is below +/- 25 %. The joint should be min. 6 mm and max. 40 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. Sealflex Hybrid 522 can 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.

Note! the sealant is not suitable for application in thin (spattered/scraped) layers and must therefore be removed completely from exposed surfaces.

Skin Formation:

30 minutes at 23 °C and 50 % RH.

Curing:

2 - 3 mm/24 hours at 23 °C and 50 % RH.

7 - 8 mm/week at 23 °C and 50 % RH

The curing time is slowed down at lower temperatures and lower relative humidity.

Paint treatment:

After curing Sealflex Hybrid 522 can be painted with most types of water-based paints. 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. It is not recommended to paint with alkyd paints as they tend to become sticky on the surface.

White indoor joints:

For white joints indoor we recommend Danaseal Interior Hybrid 521 due to a better colour stability. Further information on discolouration of joints can be supplied.

Very small joints, such as finish- and triangular joints are particular vulnerable to discoloration. An overpainted joint is in many cases easier to clean.

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 – INFO@DANALIM.DK

PH. (+45) 56 64 00 70 - TECHNICAL SERVICE PH. (+45) 56 64 00 75