

Product Information:

Danaseal Contractor PF 552

Neutral, phthalatfree & highly elastic sealant

General description and application:

Danaseal Contractor PF 552 is a neutral curing 1-komponent hybrid sealant.

Danaseal Contractor PF 552 is moisture curing and forms an elastic joint, which has a movement capability of +/- 25 %.

Danaseal Contractor PF 552 is phthalatfree, paintable, can be used outdoor and indoor and has an excellent resistance to climatic influence.

Danaseal Contractor PF 552 is suitable as a universal construction sealer in buildings, industry. It is particularly suitable for expansion joints and sealing tasks, where silicone sealants would have been used earlier, but where the paintability and compatibility of an MS-sealant is required.

Danaseal Contractor PF 552 fulfills requirements in ISO 11600 F25 LM

Danaseal Contractor PF 552 meets the requirements of Ecodec 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 & Manufactures

Physical / chemical properties:

Uncured sealant:

Type: MS-hybrid polymer, 1-component
 Contains fungicide: No
 Specific gravity: 1,4 kg/litre
 Shelf life: 12 months in unopened packing, if stored cool and dry.
 Packaging:

Item no.	Colour	Size	Item no.	Colour	Size
55230	Cementgrey	290 mL cartridge	55270	Cementgrey	600 mL foilbags
55233	White	290 mL cartridge	55271	Grey	600 mL foilbags
55235	Black	290 mL cartridge	55272	Black	600 mL foilbags
55236	Marplegrey	290 mL cartridge	55273	Danagrey	600 mL foilbags
55263	White	600 mL foilbags	55274	Marble	600 mL foilbags
55266	Marblegrey	600 mL foilbags	55275	Beige	600 mL foilbags
55267	Concretegrey	600 mL foilbags	55276	Red	600 mL foilbags
55268	Antracitgrey	600 mL foilbags	552632	Greybeige	600 mL foilbags
55269	Lightgrey	600 mL foilbags			

Cured sealant:

Paintable: Yes
 Hardness: 31 Shore A
 Maximum movement acc: +/- 25 %
 Transport: Frost resistance during transportation till -15 °C°.
 Resistance: Temperature: approx. -40 °C to +90 °C.
 Climatic ageing (UV): good
 Good resistance to water, seawater, aliphatic solvents, oil, grease, diluted organic acids and bases. Not resistant to concentrated acids and chlorinated organic solvents.

Directions for use:

- Joint dimensions:** Joints in which Danaseal Contractor PF 552 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 enough to withstand the forces that are transferred from the seal joint to the substrate.
Danaseal Contractor PF 552 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 foilbag is cut off at one end with a pair of pliers just behind the metal clip, after which the foilbag is mounted in the caulking gun, the tip is cut 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 in thin (spattered or 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.
The curing time is slowed down at lower temperatures and lower relative humidity.
- Paint treatment:** After curing Danaseal Contractor PF 552 can be painted with most water-based paints. Due to many different products on the market, it is likely there will be several paints that are not compatible, therefore we recommend testing. It is not recommended to use alkyd paints as they tend to become sticky on the surface.
- White joints indoor:** For white joints indoor we recommend Danaseal Contractor PF 552 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 – DENMARK – INFO@DANALIM.DK

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