

Product Information:

2C Sealant & Adhesive 527

Two-component phthalatfree sealant & adhesive

General description & application:

2C Sealant & Adhesive 527 is a two-component phthalatfree MS-polymer which can be used both as an adhesive and as a sealant. Unlike the traditional MS-polymer, this product cures by a reaction between two components, thereby making it independent of the moisture conditions.


2C Sealant & Adhesive 527 can be used both for gluing, joint lines and for sealing, the product is specially used where the shape and the curing conditions makes it difficult to use a traditional MS-polymer.

This product is particularly suitable for metal objects, it is fast curing and it has a high initial strength. It is easy to apply at both high and low temperatures, because of the specially designed mixing-system.

2C Sealant & Adhesive 527 gives a very strong and slightly flexible joint, which is both temperature-, UV- and water-resistant.

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 & Manufacturers.

Physical / chemical properties:

Sealant:

Type: 2-component MS-Polymer
 Contains fungicide: No
 Density: Approx 1,34 kg/litre (Component A)
 Approx 1,41 kg/litre (Component B)
 Shelf life: 12 Month. Should be stored cool and dry.
 Packing:

Art. No.	Color	Size
53911	Grey	2x200 ml

Cured sealant:

Paintable: Yes

Hardness (DIN 53505):
 100% modulus (DIN 53504/S2):
 Tensile strength (DIN 53504/S2):
 Elongation at break (DIN 53504/S2):

	4 hours	16 hours	7 days
Hardness (DIN 53505)	-	30 Shore A	40 Shore A
100% modulus (DIN 53504/S2)	0,3 N/mm ²	0,6 N/mm ²	0,7 N/mm ²
Tensile strength (DIN 53504/S2)	1,7 N/mm ²	2,2 N/mm ²	2,2 N/mm ²
Elongation at break (DIN 53504/S2)	1050 %	820 %	660 %

Temperature resistance: -40 °C to +90 °C
 UV resistance: Very good
 Water resistance: Good



Directions for use:

Preparation of materials:

The surfaces must be clean, dry and free of oil, fatty substances, release agents, dust and loose particles.

The product can be used on glass and most metals (e.g. anodic aluminium, steel, stainless steel, copper, zinc) without the use of primer. If used on concrete or wood Primer 961 must be applied.

Mixing:

Component A and B is mixed in the weight ratio 1:1 by use of the specially designed mixing-system. Mixing can be done by hand in 3 - 5 minutes.

After mixing the product can be used for a period of approx. 15 - 30 minutes at 23°C.

Application temperature:

Best from +5 °C to +40 °C.

Curing time :

4 - 18 hours (at 23 °C).

Treatment:

After curing the product can be painted with most types of paint. Because of the variety of paint-products on the market, we recommend that the paint is tested before use, specially when using slow-drying alkyd paint or varnish.

For optimal adhesion it is recommended that the sealant is wiped off with alcohol just before being painted, particularly if the paint is applied some time after the sealant was applied.

Cleaning:

Tools can be cleaned - and sealant removed - with gasoline or white spirit. Cured sealant can only be removed mechanically. Hands should be washed with water and soap.

Additional equipment:

Mixer-pipes for 2 x 200 ml., Art. no.: 539111
Handgun H-283, 2 x 200 ml., Art. no.: 93174

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