Product Information:

Acrylic Sealant 502

All-round, paintable, for most materials

General description and applications:

Acrylic Sealant 502 is a plasto-elastic one-component water-based acrylic sealant, which can be painted after curing. The product cures by evaporation of water.

Acrylic Sealant 502 is used for sealing around doors and windows, and for filling cracks, board joints, tube passages etc.
The sealant is also suitable for acoustic joints.

Acrylic Sealant 502 can be used without primer on surfaces such as anodised aluminium, treated wood, concrete, bricks etc.

Member of FSO *Danish Association of Sealant Applicators & Manufactures.*

Physical / chemical properties:

Uncured sealant:

Type:	*Water-based acrylic sealant*
Contains fungicide:	*No*
Specific gravity:	*Approx. 1,6 kg/litre*
Shelf life:	*18 months in unopened packing, if stored cool and dry.*
Packaging:	

Item no.	*Colour*	*Size*
75817	*White*	*300 mL cartridge*
75822		*600 mL foilbags*

Cured sealant:

Paintable:	*Yes*
Shrinkage:	*Approx. 15%*
Transportation:	*Frost resistance during transportation till -15 °C.*
Resistance:	*Temperature: -20 °C to 60 °C.*
	Water: Not resistant to constant influence by water.

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DANA LIM A/S
Københavnsvej 220
DK-4600 Køge
14
DOP: 15651-0502-1

EN 15651-1
F-INT

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Directions for use:

Joint dimensions:	*The sealant can be used in joints from 0 – 25 mm width. To be apple to absorb maximum movements, however, the joint should be minimum 7,5 mm wide. Use joint back-up material in correct dimension, which is placed according to the wanted depth of the joint.* ***Notice:*** *In most building applications, there will be an acclimatisation of the building materials during the first months. This will happen, after heating of the rooms. This will lead to shrinkage between the building elements, larger than the maximum movement accomodation of the sealant. Especially for narrow joints, this might lead to cracking of the joints. To repair this, the joint must be sealed again, when the building materials / elements have finally climatised.*
Preparation:	*All surfaces must be clean, dry, free of grease, dust and loose particles. Acrylic Sealant 502 can be used without primer on surfaces such as glass, anodised aluminium, treated wood, concrete, bricks and ceramic. Very porous surfaces should be primed with a dilution of 50 % water and 50% acrylic 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. We recommend the use of covering tape, which should be removed immediately after application of the sealant.*
Application temperature:	*+5 °C to +30 °C.*
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 bit smaller than the width of the joint. The sealant is applied using hand- or pneumatic gun.* *The sealant is pressed in place and finished with a joint nail dipped in water, a wet sponge or a wet cloth, not later than 5 - 10 minutes after application.*
Curing:	*Skin formation: 7 minutes at 23 °C, 55 % RH.* *The joint will cure in approx. 1 – 2 days in small joints. Larger joints will require a longer curing time. The sealant will cure slower at lower temperatures and higher relative humidity.*
Treatment:	*After curing Acrylic Sealant 502 can be painted with most types of paint. Because of the differences in paint composition, sufficient tests should be carried out to establish final compatibility condition.* *Cracking of the paint is possible when using non-glossy paint types.*
Cleaning:	*Uncured sealant is removed with wipes or hot water.* *Cured sealant can only be removed mechanically.* *Skin is washed with water and soap.*

Health and safety:

For further information on safety, refer to product safety data sheet.

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