



Sealtack 780

SABA, a strong bond

Solvent based adhesives

MSP sealants

Water based adhesives

Silicone sealants

Foam coatings

Hotmelts

Epoxy products

PU products

Polysulfide products

Primers

Cleaning agents

Description

SABA Sealtack 780 – “highly steady, fast adhesive and sealant” is a high viscosity construction sealant and adhesive, one component, elastic, humidity curing on MS Polymer basis. SABA Sealtack 780 is universal to be applied for bondings and sealings for construction, trucks and coachwork, caravans, buses, containers, ventilation and air conditioning, electro-technology, equipment assembly, metal and tin processing and plastics technology.

Application

For the elastic bonding of frames, profiles, plates etc. Especially to be used for applications, which need a high viscosity and green strength of the adhesive. E.g. edge sealings and roof constructions in the coach work- and container construction. To be applied universally as an adhesive and sealant.

Special properties

- High viscosity and green strength
- Short fibre drawing
- Primerless adhesion to many surfaces
- High initial- and end tack
- Can be painted wet-on-wet
- Fast drying
- Hardly any shrinkage
- No blistering
- UV-stable
- Free of solvents, isocyanates and silicones
- Almost odourless
- High temperature resistance
- Fungicidal

Method of use

Surfaces has to be dry, and free from dust and grease.

Cartridges: Remove the lid at the cartridge end, pick the cartridge end and screw on the nozzle provided. Cut the nozzle as required.

Foil bag: cut off the metal clip at the end of the foil bag and screw on the nozzle provided. Apply by an appropriate hand- or air spray gun for cartridges and foil bags.

Sealing: after applying, if necessary level the sealant within the skin time.

Bonding: press the materials to be bonded. Between both materials a minimum layer strength is required, so that SABA Sealtack 780 can maintain its elastic properties.

Depending on the application it is to be advised to fix the bonding/sealing mechanically until the curing has finished, as the initial strength only can be reached after some hours. The curing rapidity is depending on the air humidity, the higher the humidity, the faster the curing, the lower the humidity, the slower the curing. The curing can be accelerated, when the air will be sprinkled slightly with moisture by means of an atomizer.

Order information

Packing Content	cartridge 290 ml	foil bag 600 ml
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Colour Artikel No.	white 100651	grey 100661	black 100662
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SABA Dinxperlo BV

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Our application instructions and technical advice are based on our actual level of knowledge. We cannot accept any liability for conclusions and recommendations resulting from these. Buyers and/or users should judge the suitability of our products for any envisaged application by preliminary testing. The general terms and conditions for the members of the "Nederlandse Vereniging van Rubber- en Kunststoffabrikanten (NVR)" apply on all our deliveries.

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Technical data

Basis	:	MS-Polymer, moisture curing	
Density	:	approx. 1420 kg/m ³	
Solids content	:	approx. 100%	
Skin time	:	approx. 8 minutes at 23 °C / 75% rh	
Tackfree after	:	approx. 4 hours	
Cure rate	:	approx. 4 mm/24 hrs at 23 °C / 75% rh	
Volume shrinkage (DIN 52451)	:	approx. 4,5%	
Hardness Shore A (DIN 53505)	:	approx. 55	
Modulus at 100%	:	1,5 MPa] Dumbbell test (DIN 53504)
Tensile strength	:	2,6 MPa	
Elongation at break	:	275%	
Shearing test (DIN 53283)	:	1,8 MPa	
Work temperature	:	minimum + 5 °C, maximum + 35 °C	
Storage temperature	:	minimum + 5 °C, maximum + 25 °C	
Temperature resistance	:	approx. from -40 °C up to 100 °C	
Shelf life	:	12 months in unopened packaging	

Surfaces

Surfaces have to be dry, and free from dust and grease. For pre-treatment we advise the cleaning agent SABA Cleaner 48. An adhesion without problems can then be reached on the following surfaces: anodic treated aluminium, raw/galvanized and varnished steel, lead, copper, PC, soft PVC, Polyester, GFK, cured MS Polymer and polyurethane, glass, glazed and non-glazed tiles, concrete, coated surfaces and stainless steel. When using the following surfaces, you have to pre-treat with SABA Activator 9002 to guarantee an excellent adhesion of SABA Sealtack 780: rough aluminium, PS, PA (Nylon), PMMA (Perspex), rigid PVC, ABS. Powder-coated surfaces have to be proved on adhesion from case to case. Untreated wood has only to be free from dust and grease, for this you do not have to use a cleaning agent. Pre-treat PE and PP with SABA Primer 4518. If the used materials are not mentioned, please contact our company. Based on the variety of used materials in the market, pre-testing is recommended.

Paintability

SABA Sealtack 780 can be painted (if possible after skin forming) with one- and two-component finishing paint systems. Condition for a good adhesion of the paint-system to SABA Sealtack 780:

SABA Sealtack 780 has to be painted with metallic finishing paint systems wet-on-wet, with two-component acryl finishing paint systems until 5 days after sealing application. When you have to paint at a later point of time, you have to pre-treat SABA Sealtack 780 with SABA Activator 9002 to guarantee an optimal adhesion of the painting system.

SABA Activator 9002 can also be used already within the above mentioned initial time, it takes care of the best adhesion of the painting system. Please notice that first coatings, acid primers, and fillers do not give an optimal adhesion on SABA Sealtack 780. In this case SABA Sealtack 780 has always to be pre-treated with SABA Activator 9002. Based on the variety of used materials in the market, pre-testing is recommended.

Safety recommendations

See the corresponding material safety data sheet.

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