SOUDASEAL NAB

Technical Data:

Base	Polysiloxane	
Sag	No sag in vertical displ. @120ºF	ASTM C 639
Curing system	Moisture Cure	
Skin Formation (*)	5 minutes	@ 75ºF & 50% relative humidity
Tack-free time (*)	30 minutes	ASTM C 679
Curing time (*)	24 hrs, 1/8" diameter bead	@ 75ºF & 50% relative humidity
Hardness – Shore A	18 +/- 5	ASTM C 661
Tensile Yield	175 psi	ASTM D 412
Elongation	550%	ASTM D 412
Movement capability	+/- 25%	ASTM C 719
Stain and color change	Passes	ASTM C 510 (mortar)
Artificial weathering	No Cracking	ASTM C 793
Service temperature range	-40°F to +325°F	
Application temperature range	-35°F to +140°F	
Shelf life	12 months	Stored between 41ºF & 77ºF
VOC	26 g/L	

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.
Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Product:
Soudasil NAB is a one-part neutral cure silicone sealant specially formulated to offer adhesion to acrylic substrates.

Characteristics:
▪ Permanent color
▪ UV resistant
▪ Excellent moisture resistance.
▪ Stays fully elastic after curing
▪ Very good adhesion on many materials
▪ Very easy application
▪ Low modulus
▪ Movement up to +/- 25%

Applications:
▪ Setting and sealing of Acrylic Window Blocks
▪ Narrow joint seam sealer

Color:
Various

Packaging:
10.1 fl. oz. cartridges

Surfaces:
Type: all usual building surfaces
State of surface: clean, dry, free of dust and grease
Preparation: Prime porous surfaces with Primer 150, no primer required for non-porous surfaces. The use of Soudal Surface Activator on smooth surfaces will improve the adhesion of Soudasil NAB.

We recommend a preliminary compatibility test, especially on PVD and powder coated materials.

Joint Size:
Minimum width: 1/4"
Maximum width: 1 3/16"
Minimum Depth: 1/5"
Recommendation: 2 x depth = width

Application:
Method: manual or pneumatic caulking gun
Finish: soapy water before skinning
Repair With: Soudasil NAB
Clean Up: white mineral spirit immediately after use

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Shelf life:
12 months in unopened packaging in a cool and dry storage place at temperatures between +41° F and +77°F. Storage in excessive heat and/or high humidity conditions may reduce shelf life up to 30%.

Remarks:
▪ Do not use on natural stones like marble, granite due to possibility of staining.
▪ Not recommended for use on PC and PMMA because it can cause crazing (stress cracking) on these materials.
▪ Tests carried out in our laboratories show that Soudasil NAB is compatible with most edge seals of insulating double glazing and conventional PVB films. Due to the large number of edge sealing systems on the market, it is impossible to test the compatibility of all combinations with glazing sealants.
▪ Do not use as structural glazing adhesive.

Meets:
ASTM C 920; Federal Specifications TT-S-00230C and TT-S-001543A; AAMA 803.3-10 Type I

Health- and Safety Recommendation:
DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT. KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. On Contact, uncured sealant could cause irritation to skin and eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician. For skin contact, remove sealant with a paper towel. If swallowed, do not induce vomiting, call a physician. Soudasil NAB is manufactured for professional use only. Refer to Safety Data Sheet (SDS) for further information.

Limited Warranty:
SOUDAL warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SOUDAL MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SOUDAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.