



Edition 3



SEALANT & ADHESIVE

for professionals





Seal & Fix

Seal & Fix is a versatile, elastic sealant for bonding, jointing and sealing based on polymer technology, for use both indoors and outdoors. In contrast to many other sealants, Seal & Fix contains no solvents and has excellent UV and aging resistance. The product is available in seven popular colours plus transparent, which will cover most needs.

Benefits

Seal & Fix can usually replace a variety of other products. For example, adhesive, silicone, filler, outdoor sealant, polyurethane, butyl and acrylic.

Characteristics:

- Insignificant shrinkage
- Good tack even on wet surfaces
- Produces smooth joints without pores
- Mould resistant
- Withstands freezing and thawing
- UV resistant
- Solvent-free
- Silicone-free
- Stable colour
- Low-odour
- Crystal clear joints*
- Flexible
- High bond strength 29 kg/cm²*
- Suitable for painting over
- Good chemical resistance
- Noise-absorbing
- Approved for sanitary facilities**

*(transparent product)

** (pigmented product)

Tips and advice



Photo from Plannja Steinwalls. www.plannja.se

For best results, ensure that the application surface is degreased and clean. Seal & Fix can be applied under water, but dry surfaces provide the best adhesion.

Multipurpose primer



Seal & Fix bonds strong, but keep in mind that pigmented products have better adhesion than the transparent product. When applied to absorbent/porous substrates, pre-treatment with Multipurpose Primer may be required. Seal & Fix also bonds well to many plastics, but not PP, PE, PTFE, silicone and bitumen. In case of

uncertainty, we always recommend trying the product on a test area before full scale application.

When using white or transparent products indoors, the joint may yellow. Avoid this by providing adequate light. The product may also yellow outdoors if it is applied very thin on other materials.

Seal & Fix cures with air humidity, but can also be applied at temperatures below zero, and then acts as a sealant. Full curing occurs at temperatures above zero, at least +5 °C. Optimum is normal room temperature. If you need to accelerate the curing process, you can spray the joint with water.

Unhardened sealant can be removed with naphtha or alcohol. Hardened product must be removed mechanically.

Seal & Fix is paintable with many colours, water-based paint is recommended. When painting with alkyd paint, it is recommended to wait approximately one week before painting. In case of uncertainty, do a test on a small area. Linseed oil in combination with Seal & Fix is not recommended.

Excellent adhesion to most building substrates

Seal & Fix provides excellent adhesion to most materials used in the sheet metal, ventilation and construction industry. All surfaces must be clean and free from dirt, grease and dust. Seal & Fix even adheres to wet, slippery surfaces.

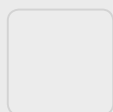
Examples of materials that Seal & Fix can bond to:

- Aluminium
- Aluzinc
- Concrete
- Lead
- Eternit
- Fibreboard
- Plaster
- Glass
- Green Coat
- Hard Coat
- HB-Polyester
- Tiles
- Corrugated plastic (PC)
- Ceramic
- Copper
- Brass
- Natural stone
- Plastisol
- Polyester
- Polystyrene
- PVC fabric
- Stainless
- Mirror
- Roof tile
- Wood
- Zinc
- Zinc Magnesium

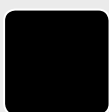
Usage table for Seal & Fix 290 ml

The table below indicates approximately how many metres you will get from one cartridge of Seal & Fix. The depth of the joint should not exceed the width. For joints up to 10 mm wide, the depth may be the same as the width. For joints between 10 and 20 mm, we recommend a depth of no more than 2/3 of the width. For joints over 20 mm, we recommend a depth of up to half the width.

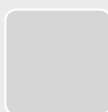
		Width (mm)							
		3	4	5	6	7	8	9	10
Depth (mm)	3	32	24,2	19,4	16,1	13,8	12,1	10,8	9,7
	4	24,2	18,1	14,5	12,1	10,4	9,1	8	7,3
	5	19,4	14,5	11,6	9,7	8,3	7,3	6,5	5,8
	6	16,1	12,1	9,7	8	6,9	6	5,3	4,9
	7	13,8	10,4	8,3	6,9	5,9	5,2	4,6	4,1
	8	12,1	9,1	7,3	6	5,2	4,5	4	3,6
	9	10,8	8	6,5	5,3	4,6	4	3,6	3,2
	10	9,7	7,3	5,8	4,9	4,1	3,6	3,2	2,9



Transparent



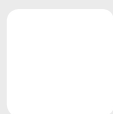
Black



Grey



Red



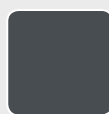
White



Brown



Brick Red



Dark Grey

Item No.	Product	Colour	RAL	Packaging
400167	Seal & Fix	Transparent		290 ml
400168	Seal & Fix	Black	9005	290 ml
400169	Seal & Fix	Grey	7030	290 ml
400177	Seal & Fix	Red	8012	290 ml
400178	Seal & Fix	White	9003	290 ml
400179	Seal & Fix	Brown	8017	290 ml
400181	Seal & Fix	Brick Red	8004	290 ml
400182	Seal & Fix	Dark Grey	7015	290 ml

Technical data

Material	MS Polymer	
Texture	Paste-like	
Skin formation	10 min (23 °C, 55% RH)	
Hardening/day	2-3 mm (23 °C, 55% RH)	
Movement of joint	25% pigmented	(ISO 11600)
	<25% transparent	(ISO 11600)
Elongation at break	>350%	(DIN 53504)
Hardness	27 Shore A, pigmented	(DIN 53505)
	30 Shore A, transparent	(DIN 53505)
Tensile strength	1.0 N/mm ² , pigmented	(DIN 53504)
	2.9 N/mm ² , transparent	(DIN 53504)
Working temperature	+5 °C to +40 °C	
Temp. stability	-40 °C to +90 °C (200 °C ≈ 10 minutes)	
CE marking	EN 15651-1 F-EXT-INT-CC, EN 15651-2 G-CC, EN 15651-3 S	
	EN 15651 -1 F-INT (for transparent)	
Shelf life	Unopened at least 18 months	



Photo from ABC Vent's production environment. www.abcvent.se





High Tack & Fix

High Tack & Fix is a professional installation adhesive with rapid adhesion. The adhesive has excellent initial tack and bonds to panels etc. without the need for clamps or fixing tape. High Tack & Fix bonds to most building materials, including stainless steel, but not greasy plastics and bituminous substrates. Clean with white spirits, alcohol or Prep Wipes after application.



Bonds to stainless steel / heavier panels

Product Properties:

- Fast setting
- High grip
- Weather resistant
- Insignificant shrinkage
- Application temperature +5 to +40 °C
- Working temperature -40 to +100 °C

400410

High Tack & Fix

White

12 x 0,29 lit



Good to know!

- Most ABRA products have undergone environmental assessments
 - ABRA works with three environmental assessments:
 - Byggvarubedömningen (BVB)
 - Nordic Ecolabel
 - SundaHus
- To obtain current environmental assessments, please contact us at info@sunco.se
- The date on the cartridge indicates manufacture date



Sealant & adhesive

	UV stable	Suitable for painting over	Can be applied at temperatures below 0 °C	Working temperature $\geq +100$ °C
Seal & Fix	X	X	X*	-
High Tack & Fix	X	X	-	X

**Works only as sealant when applied in temperatures below zero. Full effect is achieved after curing at temperatures above zero.*



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