AB Superflex



CHARACTERISTICS

- Neutral oxime curing, 1-component weatherseal silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to almost all building materials
- Permanent elasticity
- High resistance to ageing, weather conditions and UV

APPLICATIONS

- Has an adhesive strength without primer on the majority of materials used in building and engineering industries such as treated wood, aluminium, steel, abs, stainless steel, anodised steel, PVC, glass, etc.
- Can also be used on alkali surfaces such as concrete, bricks. A primer is recommended.
- Can also be used for sealing swimming pools. At continued immersion, a primer is recommended.

TECHNICAL CHARACTERISTICS			
Uncured sealant			
Type of sealant	Polysiloxanes		
Viscosity	Pasty		
Vulcanising system	Through moisture in the air		
Skin forming time (23°C and 50% R.H.)	10 min.		
Vulcanisation rate (23°C and 50% R.H.)	2,5 - 3 mm/24h		
Density : ISO 1183	1 g/ml		
Processing temperature	+5°C - +40°C		
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months		
Cured sealant			
Shore A hardness : ISO 868	13		
Elastic recovery : ISO 7389	>90%		
Deformation capability : ISO 11600	25%		
Modulus at 100% elongation : ISO 8339	0,25 N/mm ²		
% Elongation at break : ISO 8339	310%		
VOC	<100 g/l		
Temperature resistance	-50°C - +150°C		

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.



METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

Primers

Porous surfaces	Primer DL 783	Transparent	Curing time (approx.) 60 min
Non porous substrates	Primer DL 435.10	Transparent	Curing time (approx.) 30 min

Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers. Good ventilation is important during application and vulcanisation of the product.

Joint dimensions

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	±1mm
6 mm	6 mm	±1mm
8 mm	8 mm	±1mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
Maximum joint width: 30 mm		

Tooling

If desired, smooth the surface before skin formation with the tooling agent DL 100 and a scraper.

Cleaning

Before curing: Tools with white spirit or solvent. Surfaces with **Parasilico Cleaner.** After curing: Remove as much as possible mechanically; the remainders of the silicone with **Silicone Remover**.

Repairing

With the same product.

SAFETY

Consult the safety data sheet.

LIMITATIONS

- Do not expose to thermal, mechanical or chemical influences before complete curing.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- For sanitary applications we recommend Parasilico Sanitair N or Parasilico Premium.
- We recommend Parasilico PL on polyacrylate and polycarbonate.
- Do not use on natural stone (staining). We recommend Parasilico NS on natural stone.
- We recommend Paracol Miroseal for gluing mirrors.
- Not paintable: see Parasilico VP.
- Not compatible with the edge seals of insulating glazing and the PVB films of safety glass. Avoid direct contact.

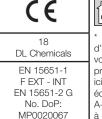
TECHNICAL APPROVALS

SNJF (Société National du Joint Français): FACADE n° 4401 - VITRAGE n° 4404 ATG (Belgian technical approvement): ATG CE

Meets the requirements of the standards:

- ISO 11600 F&G 25 LM
- DIN 18540 DIN 18545-2, sealant group E





* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions).

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.



AB Building Products Ltd

Units 4-5, Regents Court, South Way, Walworth Industrial Park, Andover, Hampshire, SP10 5NX T +44 1264 359984 info@abbuildingproducts.co.uk - www.abbuildingproducts.co.uk