



THE FENDER BCS GROUP OF COMPANIES

www.fenderbcs.co.uk

SUPA-FLEX

TECHNICAL DATA:

Base	Polyurethane
Consistency	Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Ca. 15 min.
Curing Rate (20°C/65% R.H.)	3 mm/24h
Hardness (DIN 53505)	40 ± 5 Shore A
Specific Gravity (DIN 53479)	1,30 g/ml
Temperature Resistance	-30°C to +90°C
Elastical Recovery (ISO 7389)	> 80 %
Maximum allowed Distortion	20 %
Elasticity Modulus 100% (DIN 53504)	0,80 N/mm ²
Maximum Tension (DIN 53504)	1,70 N/mm ²
Elongation at Break (DIN 53504)	700 %

PRODUCT

SUPA-FLEX is a high quality, one component polyurethane sealant with high modulus for a wide range of sealing and bonding applications.

CHARACTERISTICS:

- Very easy application
- Stays elastic after curing
- Very good adhesion on many materials
- Excellent resistance to many chemicals
- Especially developed for concrete applications

APPLICATIONS:

- All sealing and bonding applications in the building industry
- Structural bondings in vibrating constructions

PACKAGING:

Colour: white, grey, black, other colours on request
Packaging: alu cartridge 310 ml, sausages 600 ml

SHELF LIFE:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°

SURFACES:

Type: all usual building surfaces, most metals, polyesters and many plastics – not on glass or PVC
State of Surface: clean, dry, free of dust and grease
Preparation:

- In very warm and moist climates we recommend the use of Primer 100 for applications on porous surfaces,
- No primer required for non porous surfaces.
- Non porous surfaces may be activated by Surface Activator

We recommend a preliminary compatibility test.

JOINT SIZE:

Minimum Width:
2mm (in bonding applications) 5mm (in joints)
Maximum Width:
10mm (in bonding applications) 30mm (in joints)
Minimum Depth: 5mm (in joints)
Recommandation:
· Joints of 12mm or less : depth = width
· Joints of more than 12mm : 2 x depth = width

Our expertise is fitting all the pieces together

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APPLICATION:

Method: caulking gun

Application temperature: +5°C to +35°C

Clean: with white spirit immediately after use

Finishing: with a soapy solution before skinning

Repair: with same product

HEALTH AND SAFETY RECOMMENDATION:

Apply the usual industrial hygiene.

REMARKS:

- In order to ensure the correct performance of our product, FenderBCS recommends a small adhesion test.
- When painted with oxidative drying paints disturbances in the drying of the paints may occur