

THE FENDER BCS GROUP OF COMPANIES

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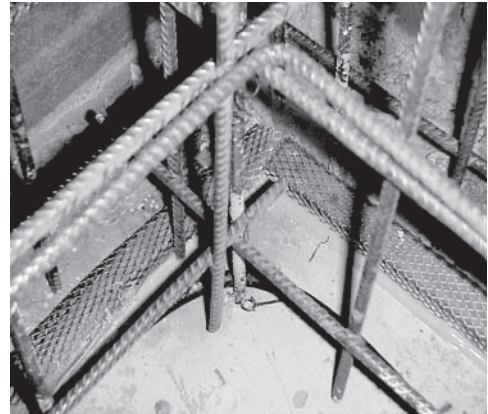
SUPA-SWELL

1. COMPOSITION

SUPA-SWELL is a hydrophilic joint sealant composed of natural sodium bentonite clay and butyl rubber.

2. APPLICATION

The SUPA-SWELL joint sealants are used for the waterproof sealing of construction joints in concrete. According to the type the sealant can be used in both **fresh water** and/or **salt water** applications, making the SUPA-SWELL joint sealants very versatile.



3. TYPES AND CHARACTERISTICS

Joint sealants for fresh water only

	Colour	Section	Packaging
Joint sealants T (with special coating)			
SUPA-SWELL 19 X 25 *	green	19 mm x 25 mm	10 m x 4 rolls (40 m/box)
SUPA-SWELL 20 X 10	black	20 mm x 10 mm	15 m x 5 rolls (75 m/box)
Joint sealant (without coating)			
SUPA-SWELL 20 X 5	black	20 mm x 5 mm	15 m x 5 rolls (75 m/box)
Fastening profile (metallic)			
SUPA-NET 19 X 25		19 mm x 25 mm	20 m/pack

Joint sealants for fresh and salt water (S types)

	Colour	Section	Packaging
Joint sealant T (with special coating)			
SUPA-SWELL 19 X 25	red	19 mm x 25 mm	10 m x 4 rolls (40 m/box)
Joint sealant (without coating)			
SUPA-SWELL SQ 19 X 25	red	19 mm x 25 mm	10 m x 4 rolls (40 m/box)
Fastening profile (metallic)			
SUPA-NET 19 X 25		19 mm x 25 mm	20 m/pack

Our expertise is fitting all the pieces together

Fender Steel

Head Office
20 Midland Road
Scunthorpe
North Lincolnshire
DN16 1DQ
Tel: 01724 840609
Fax: 01724 281902

BCS Products

Caenby Corner
Industrial Estate
Hemswell Cliff
Nr. Gainsborough
Lincolnshire DN21 5TU
Tel: 01427 668187
Fax: 01427 668012

Fender Steel

Unit 16A
Enterprise Park,
Bergon Way
Sutton Fields Ind. Est.,
Hull HU7 0YG
Tel: 01482 820620
Fax: 01482 820621

Fender Steel

Unit A5
Astra Park
Parkside Lane
Leeds LS11 5SZ
Tel: 0113 270 4555
Fax: 0113 270 4666

Fender Steel

5 Crofton Court
Portrack Lane
Stockton-on-Tees
Cleveland TS18 2QR
Tel: 01642 603123
Fax: 01642 674892

Fender Steel

5a Freezemoor Road
Houghton le Spring
Sunderland
Tyne & Wear DH4 7BH
Tel: 0191 512 6749
Fax: 0191 584 6547

The SUPA-SWELL T joint sealants are coated with a special coating to prevent premature swelling after installing and before concreting. The advantage of this coating is that the sealants keep their full swell capacity in the joint. The expansion capacity reaches a **maximum of 450 %**. However, sustained contact with water before concreting is to be avoided.

The SUPA-SWELL S joint sealants are developed for use in both fresh water and sea water as well as in brackish water. The expansion capacity **in fresh water** equals that of the SUPA-SWELL T types: **maximum 450%**. **In seawater** a minimum capacity of **200%** is reached.

The SUPA-SWELL SQ is a special version without coating and with a higher reactivity so that it reaches much faster its maximum swelling capacity. This type is especially suited for dryer regions (Middle East, Africa, ...)

SUPA-SWELL is harmless for the environment and may be used when in contact with drinking water.

4. INSTRUCTIONS FOR USE



The joint sealant is applied to the middle of the construction joint. It is advisable to allow at least 8 cm of concrete on both sides of the expanding sealant to prevent cracks in the concrete.

The joint sealant should be applied to a dry, smooth surface. It should be secured with glue and/or steel nails. Where appropriate, the construction joint can also be levelled off using expandable mastic or bentonite paste.

If necessary, use the metal fastening profile SUPA-SWELL to reinforce the strip if it is being installed in a vertical configuration, or to provide protection during concreting.

Connect together by bringing the extremities of the expanding joints together flush or with a 10 cm overlap and gluing and/or nailing.

5. PRODUCT LIFE

If kept dry and frost-free in original packaging, at least 12 months.