

THE FENDER BCS GROUP OF COMPANIES

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Supa-Sheet(S)

Self Bonding Waterproofing Membrane

Description:

Supa-Sheet(S) waterproofing membrane consists of a self bonding polymer modified bitumen which is covered on one side by a tough two ply cross laminated polythene film and protected on the other side by a release sheet which is removed prior to the bonding of the material on to a suitably prepared substrate. Once the release sheet has been removed the membrane can be easily applied by roller pressure. Available in Temperate . Incorporating a 50mm selvedge on one edge to form homogenous overlap joints.

Uses:

Supa-Sheet(S) is intended for use as a self bonding vertical or horizontal damp proof membrane in tanking below ground structures, subways and retaining walls.

Sizes:**Technical Data:**

Rubber Bitumen thickness	1.4mm	Roll length	19.05m
Polythene backing	0.1mm	Roll weight	34kg
Total thickness	1.5mm	Area of roll	20m ²
Roll width	1050mm	Overlap	Edge 50mm with selvedge End 100mm

	Test	Typical Result
ASTM D146	Low temperature pliability	Better than - 5°C
ASTM D2240	Durometer hardness type A	60
ASTME154	Puncture resistance	230N
ASTM D1228	Water absorption (2 hours)	0
ASTM D471	Water absorption (670 hours at 70°F)	0.12%
ASTM D1191	Slump on 90° gradient 6 hours @ 70°C	0
ASTM E96	Water vapour transmission 25°C. 75% rh transmission	0.23 g/m ² per day
ASTM D1004	Tear strength Longitudinal	380N/mm
	Tear strength Transverse	360N/mm
ASTM D638	Tensile strength Longitudinal	42N/mm ²
	Tensile strength Transverse	51N/mm ²
BS2782	Compound Elongation	1250%
BS2782	Elongation at break	210%
Method 320		
ASTM D573	Percentage change in elongation after heat ageing at 70°C. Dimensional Stability (2 weeks at 60°C) Longitudinal	0.1%
	Transverse	-0.2%
	Bond strength of self	40 N/cm
	Bond strength to primed concrete	20N/cm
BS 2782		
Method 320	Membrane strength	50 N/cm
MOAT 5.1.4	Water penetration at joint	0%

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

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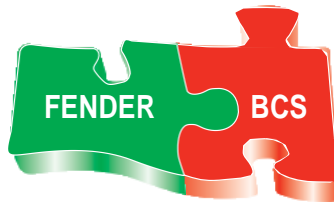
Unit A5
Astra Park
Parkside Lane
Leeds LS11 5SZ
Tel: 0113 270 4555
Fax: 0113 270 4666

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

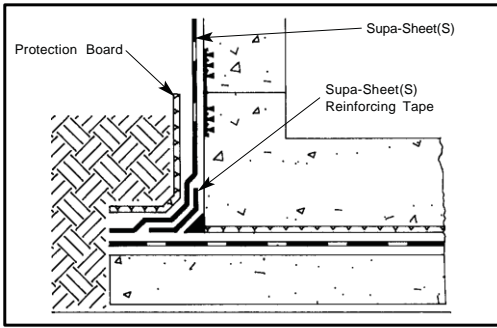


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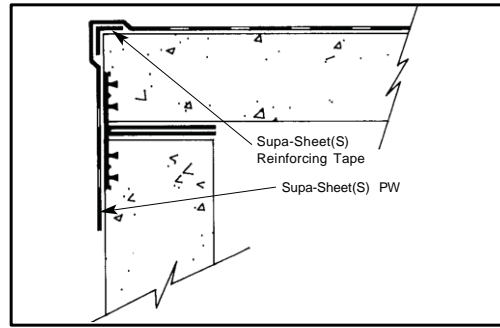
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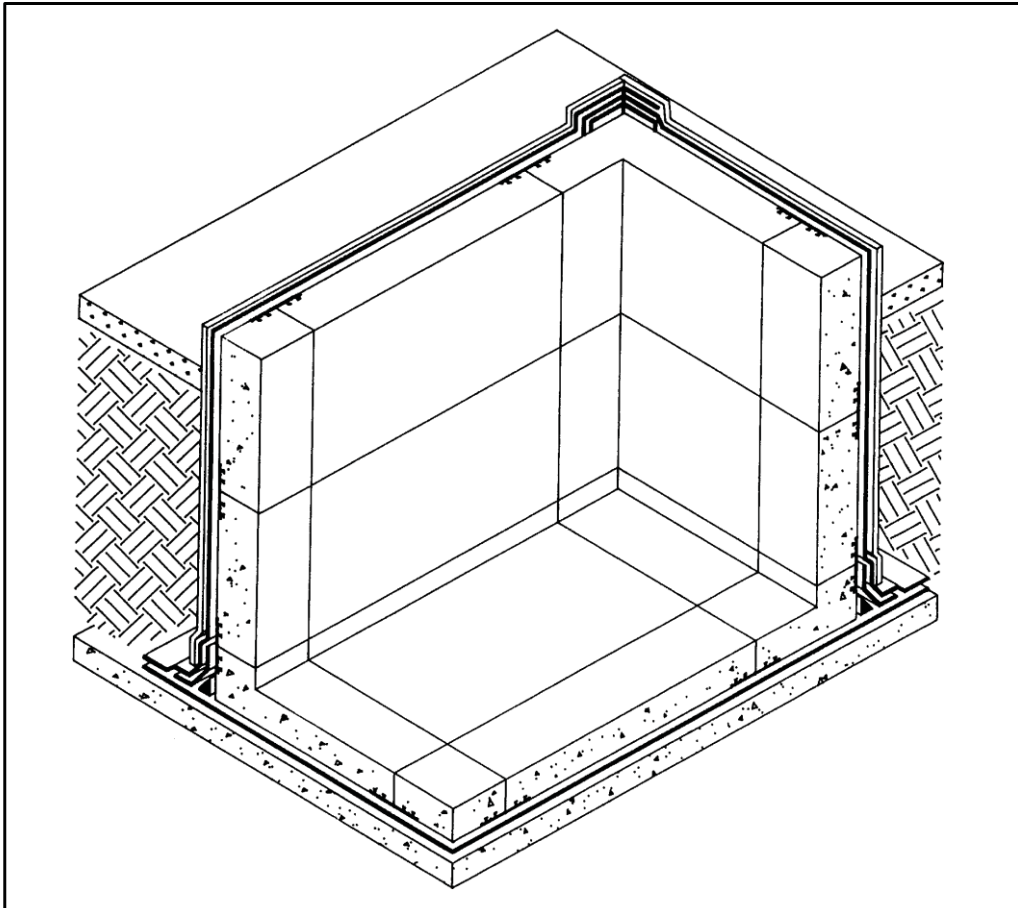
Typical Applications:



Below ground tanking



Earth covered water retaining structure



Below ground tanking

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