



Product Model XPSF300 Polyester SF Resin

XPSF300 is a polyester based fixing resin designed for load bearing applications in concrete. This product is also designed without styrene to allow safe use in confined spaces. Suitable for fixing bolts, posts, threaded rods, studs and anchors to install a massive variety of fixings. May be used in any kind of solid substrate for example concrete, stone, granite, marble, brick. Also may be used in hollow substrates with a nylon or metal perforated sleeve.

Key Features

- For use in Hollow Wall, Brickwork, Masonary & Concrete.
- Economical Fixing Resin.
- Standard Duty Load Applications.
- Non Flammable and Non-Hazardous.
- Ideal as well for Indoor Usage.

Technical data supplied by the manufacturer



Typical Gel and Curing Time*

*Figures are based on M12 fixings. Full cure is achieved after 24 hours

Base Material Temperature (°C)	35	25	15	5	-5	-10**
Typical Gel Time (mins)	3	8	13	21	50	60
Minimum Load Time (mins)f	20	20	20	30	90	180

**Resin temperature must be at least 20°C

Hole Diameter In Concrete	Hole Diameter In Fixture	Standard Embedment In Concrete	Recommended Torque (Nm)
(mm)	(mm)	(mm)	Concrete/Brick
10	9	80	11/5
12	11	90	22/17
14	13	110	38/28
18	17	125	95/75
24	22	170	170/-
28	26	210	260/-
35	33	280	480/-

Size	Recommended Load (kN) / Tension or Shear (Fec)	
	Brickwork 20.5 N/mm ²	Blockwork 7 N/mm ²
M8	1.7	0.8
M10	3.4	1.7
M12	4.8	2.7
M16	5.6	3.6

Important Note

Performance based on clean holes; HAMMER DRILLED - blown and then brushed with a stiff metal brush & blown again.

Solutions, Service and Supplies to the Trade

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	N/mm ²	Test Method	Storage / Shelf Life	Important
Compressive Strength	53.55	(EN ISO 604) / (ASTM 695)	This product should be stored between +5°C & +25°C. The Shelf life of the product is 12 months from the manufacture date.	The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as the manufacturer cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability of use. For further information please contact our Technical Department.
Flexural Strength	24.08	(EN ISO 178) / (ASTM 795)		
Flexural Modulus	2927.67	"		
Tensile Strength	12.48	(EN ISO 527) / (ASTM 638)		
E Modulus	9651.33	"		

Approvals



Approval nr. CAZ 0834/1
Valid 2010-2013
For use with
hollow & masonry



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