

SOLFIX VINYLESTER SF



Vinylester Styrene Free Resin Grout

Solfix Vinylester SF is low odour two-part chemical anchoring resin designed to anchor threaded rods and rebar in concrete.

- European Technical Approval
- Can be used in wet holes and underwater
- Good chemical resistance & High Durability
- High and critical load applications
- Tested for 50 year anchor life under the ETA
- Fire Rated.



Colour	Product Code	Container Size
Grey	SOLFIXVINYLSF	410ml

SOLCEM - Building Chemicals & Admixtures

Last Issue Date: 13.02.15

Product Description

Solfix Vinylester SF is a two-part chemical anchoring resin designed to anchor threaded rods and rebar in concrete and also has the advantage of two European Technical Approvals for use in cracked and non-cracked concrete as well as coverage for Re-bar under TR029 & TR023 (post installed re-bar). Tested for use in potable water, and fire approval.

This sophisticated chemical anchoring product is a fast curing injection system, delivered through a mixing nozzle directly into the fixing hole. The cartridges are extruded using either a specially designed fixing tool, or a silicone tool.

Typical Uses

Solfix 500 is a two-part chemical anchoring resin designed to anchor threaded rods and rebar in concrete.

Features & Benefits

- Styrene free low odour resin, no shrinkage
- Ideal for use with diamond drilled holes
- Ideal for rebar usage with large diameters and embedment
- High durability
- Used in wet holes and underwater
- Fire Rated

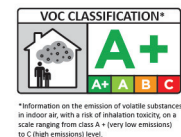
Technical Data - Gelling & Curing Times						
Base Material Temperature	35	25	15	5	-5	-10
Typical Gel Time (mins)	3	5	9	20	40	50
Min. Load Time (mins)	20	30	60	90	180	240

Technical Data - Concrete, fck, cube= 25N/mm2 (C20/25) 5.8 Grade Studding								
Size	Characteristic Resistance (kN)		Recommended Load (kN)		Spacing (mm)	Hole Ø Drill (mm)	Hole Ø in fixing (mm)	Setting Depth (mm)
	Tension (Nrk)	Shear (Vrk)	Tension (Nrec)	Shear (Vrec)				
M8	19.0	9.0	9.1	5.1	160	10	9	80
M10	30.2	15.0	14.4	8.6	200	12	11	90
M12	43.8	21.0	20.9	12.0	240	14	13	110
M16	67.8	39.0	32.3	22.3	320	18	17	125
M20	104.6	61.0	49.9	34.9	400	24	22	170
M24	133.0	88.0	63.3	50.3	480	28	26	210
M30	182.0	142.5	86.7	81.4	525	35	33	280

ETA CE
Solfix Vinylester SF
0679-CPD-0746
ETA-12/0024
ETAG 01-05 Option 7
M8 - M24 / rebar Ø 8 to 25mm
For Use in Uncracked Concrete

ETA CE
Solfix Vinylester SF
0679-CPD-0746
ETA-12/0024
ETAG 01-05 Option 1
M12 - M16 threaded bars
For Use in Cracked Concrete

ETA CE
Solfix Vinylester SF
ETA-14/0057
ETAG 01-01 TR 023
Post-Installed
Rebar Ø 8 to 16mm



BS6920 Approved
FOR USE WITH
POTABLE WATER

Storage & Shelf Life

This product should be stored between +5°C & +25°C.
Avoid Direct sunlight
The shelf life of this product is 24 months from date of manufacture