

PRODUCT DATA SHEET

Delta Fix Adhesive

Technical Data

Delta Fix Adhesive	
Colour	Red/Grey
Mixed Colour	Red/Grey
Density	.43 kg/m ³
Compressive Strength	88 N/mm ² (EN ISO 604)
Storage	This product should be stored between +5°C & +25°C. Avoid Direct Sunlight. The Shelf life of the product is 24 months from the manufacture date.
Packaging	400ml side-by-side cartridge
Cleaning	The method of application cuts cleaning to a minimum but should it be necessary to clean then use of a suitable resin cleaner should be employed: cured Delta Fix Adhesive will require removal by chipping or other mechanical means.

Working and Hardening Times

Base Material Temperature	5°C	15°C	25°C	35°C	40°C
Gel Working Time	100'	60'	40'	25'	20'
Curing Time Dry Concrete	40 hrs	24 hrs	11 hrs	9 hrs	8 hrs
Curing Time Wet Concrete	x 2	x 2	x 2	x 2	x 2

Typical Tensile Performance - Standard Embedment Depth

Concrete, C20/25, 5.8 Grade Studding						
Size	Recommended Load (kN)		Spacing (S ^r , ^N) (mm)	Drill Hole ø (mm)	Fixing Hole ø (mm)	Setting Depth (mm)
	Tension (N ^{rec})	Shear (V ^{rec})				
M8	9.07	5.14	160	10	9	80
M10	14.36	8.57	200	12	12	90
M12	20.86	12.00	240	14	14	110
M16	38.86	22.29	320	18	18	125
M20	60.64	34.86	400	22	22	170
M24	87.43	50.29	480	28	26	210
M30	138.93	81.43	600	35	32	280

Typical Performance in Aerated Concrete

Characteristic values of resistance under tension & shear loads for Autoclaved Aerated Concrete. Compressive strength of material fb > 6MPa Temp range -40 to +40 C degree.				
Size	Condition:	d/d	w/w & w/d	d/d, w/w & w/d
	H ^{ef} (mm)	Tension (kN)	Tension (kN)	Shear (kN)
M8	80	2	1.5	5
M10	90	3	2.5	8
M12	100	4	3.5	8
M16	100	5.5	4.5	8

*Note: The values are valid for steel 5.6 or greater. For steel 4.6 and 4.8 multiply VRK,b by 0.8

Other Information

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