



CHEMICAL ANCHOR WINTER



Product description

A two component chemical anchoring injection system. A formulation derived from polyester resin with high bond strength, developed principally to anchor threaded rods into concrete, masonry and hollow wall installations. Used widely for medium loads in colder situations due to a lower temperature range.

Characteristics

- Suitable for medium loads for non-critical applications.
- Fast working times for early loading in time sensitive applications.
- No styrene allows for use indoors and in enclosed spaces.
- Extremely versatile in masonry, hollow, aerated concrete.
- 10:1 resin available in a variety of cartridge types.
- Use in damp & wet environment and fixing holes.
- Crack and gap filling repairs in concrete vertical or horizontal.

Physical Properties

- Mixed Colour - Grey
- Density - 1.71 kg/m³

- Compressive Strength - 43.5 N/mm² (EN ISO 604)
- 165ml | 300ml | 410ml | 345ml | 825ml

Application

Zettex Chemical Anchor cannot be used on PE, PP or PTFE. It is also important to not use the first 10 centimetres of the adhesive and wait until the colour is homogeneous. If the treatment time has been exceeded you must change the mixing nozzle. Surfaces must be free of dust and grease. Dust and other dirt in the joints can be removed with Zettex Airjet Economy. After use hands must be thoroughly cleaned with soap, water and a hydrating hand cream.

Certificates

- 15/0008 - ETA Option 7 Non-Cracked Concrete. Includes flooded holes.
- 11/0032 - ETA ETAG 029 Hollow Wall / Masonry Installations.
- CE Certified 1404-CPR-2586 - ZAG, Solvenia.
- ITB Approval (Poland) 0978/W
- LEED tested 2009 EQ c4.1 SCAQMD rule 1168 (2005.)
- VOC A+ Rating (Volatile Organic Content)

Storage

This product should be stored between +5°C & +25°C. Avoid Direct Sunlight. The Shelf life of the product is 18 months from the manufacture date.

Safety Recommendations

See safety information sheet.

Contact

For more information about this product you can contact: sales@zettex.com.



CHEMICAL ANCHOR WINTER

Concrete, C20/25, 5.8 Grade Studding						
Size	Recommended Load (kN)		Spacing (Scr,N) (mm)	Drill Hole Ø (mm)	Fixing Hole Ø (mm)	Setting Depth (mm)
	Tension (Nrec)	Shear (Vrec)				
M8	6.93	5.14	160	10	9	80
M10	8.70	8.57	200	12	12	90
M12	12.00	12.00	240	14	14	110
M16	17.25	22.29	320	18	18	125
M20	27.23	34.86	400	24	22	170
M24	34.03	50.29	450	28	26	210
M30	47.12	81.43	520	35	32	280

Temperature Base Material (°C)	-20°C	-10°C**	0°C	5°C	15°C	25°C
Gel Working Time	70	50	40	20	9	5
Curing Time Dry Concrete	360	240	180	90	60	30
Curing Time Wet Concrete	x2	x2	x2	x2	x2	x2