



Product description

Zettex Chemisch Anker is a two-part chemical anchor. Ensures excellent anchoring of threaded ends, bolts, screws and suchlike in hollow and solid surfaces. Examples include brickwork, hollow brickwork, concrete and cellular concrete. Zettex Chemisch Anker is also the perfect solution for the durable anchoring of sun shading, casings and handrails. It is also a good alternative to synthetic repair mortar for concrete, for example.

Material

Polyester epoxy resin

Advantages

- Quick-drying.
- For universal use.
- Extremely strong.
- Suitable for slightly moist surfaces.
- Extremely short curing time.
- High strength of anchored materials without pulling pressure.

Application instructions

Zettex Chemisch Anker can be used to anchor:

- Steel trellises and balustrades
- Anchoring in concrete, wind blocks, full brickwork and hollow bricks.
- Anchoring mechanical fastening.

Zettex Chemisch Anker 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.

Available forms

- Tube 300 ml.

Safety recommendations

This technical information does not contain an MSDS (Material Safety Data Sheet). You must first fully read the MSDS before using this product.

Shelf life

18 months in unopened packaging. Store at temperatures between 5°C and 25°C

Properties

Zettex Europe B.V.

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Density	1.80 g/ml
Frost resistance	-15 °C
Processing temperature	+5°C to + 30 °C
Consistency	Thixotropic paste
Basis	Polyester without styrene

Minimal curing time

Temperature base material (°C)	-5 to 0	0 to +5	+5 to +10	+10 to +20	+20 to +30	+30 to +35	+35
Gelation and working time (min.)	90	45	23	15	6	4	2
Total curing time (min.)	360	180	120	80	45	25	20

Installation parameter

Measure		M8	M10	M12	M16	M20	M24
Nominal diameter drilled hole	Ød0 [mm]	10	12	14	18	24	28
Depth drilled hole	h0 [mm]	80	90	110	125	170	210
Distance from edge	CcrN [mm]	80	90	110	125	170	210
Minimum distance from edge	Cmin [mm]	40	50	60	80	100	120
Spacing	ScrN [mm]	160	180	220	250	340	420
Minimum spacing	Smin [mm]	40	50	60	80	100	120
Minimum thickness of part	hmin [mm]	110	120	140	160	215	260
Turning torque	Tinst [mm]	10	20	40	60	120	150

Certificates

- 0756-CPD-0434 15
- ETA 11/0445
- ETAG 001-1 and 5, option
- DoP: Z-495321-13



Pullout in non-cracked concrete C20/25										
Size			M8	M10	M12	M16	M20	M24		
Characteristic bond resistance in non-cracked concrete										
Temperature range: -40°C to +80°C			TRK	[N/mm ²]	6	6	5	5	4	4
Dry/wet concrete and flooded hole										
Partial safety factor			γ _{Mc} ¹⁾	[-]				1,8 ²⁾		
			C25/30					1,04		
			C30/37					1,08		
			C35/45					1,12		
Factor for concrete			C40/50	ψ _c	[-]				1,15	
			C45/55					1,17		
			C50/60					1,19		

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