

Epoxy Injection Mortar

XPE440 is a pure epoxy injection mortar with approvals for anchoring and rebar connections in cracked and non-cracked concrete. Assessed for a **working life of 100 years**, XPE440 is ideal for heavy duty connections including with high anchorage depth.

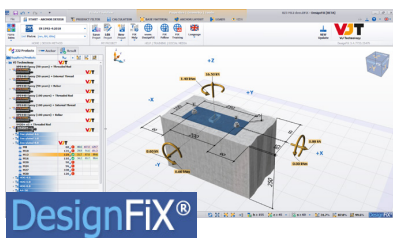
Applications

XPE440 injection mortar can be used in conjunction with:

- Threaded rods eg. VJT Chemical Anchor Studs (zinc, HDG, A2, A4, HCR)
- VJT Internally Threaded Sockets
- Rebar - designed as anchors according to EN 1992-4 or as post-installed rebars according to EN 1992-1 & TR 069

Key benefits

- ETA/UKTA for cracked and non-cracked concrete
- ETA/UKTA for post-installed rebar
- EN 1992-4, EN 1992-1 and TR 069 design methods assessed and supported
- Additional provisions within ETA-20/0202 or UKTA-22/6262 for a working life of 100 years
- CCPI verified product information: Verification Number 002400004/0925
- Approved for seismic performance categories C1 and C2
- EPD Declaration number: EPD-VJT-20240220-CBA1-EN
- Compatible with hammer or diamond drilled holes
- Suitable for dry and wet concrete including flooded holes (bonded anchors)
- Suitable for overhead application
- Fire rating resistance ~ R120
- NSF approval for potable water
- High chemical resistance
- Low odour
- Small allowable edge distance and anchor spacing
- Hole cleaning and installation accessories are also available
- Design check can be performed using free DesignFiX software -alternatively contact **technical@vjtechnology.com** to model application



 	UK 0836-CPM 532-12-CA		UK 0836-CPM 532-12-1A	
	UKTA 22/6262		UKTA 22/6261	
 	0836		25	
	UKTA 3340491-01-0601		UKTA 33087-00-0601	
 	1343-CPM 532-12-CE		1343-CPM 532-12-1E	
	ETA-20/00202		ETA-20/02330	
 	2873		25	
	EAD 3340490-01-0601		EAD 33087-00-0601	
BWR 1	Option 1 MR - M20 (E 240 - 0620) For cracked and non-cracked concrete see DoP Annex 10 to C2		a6 - a40 For post-tensioned connections see DoP Annex 10	
	Mechanical resistance and stability		a6 - a40 With improved bond splitting behaviour see DoP Annex 10 to C2	
BWR 2	Safety in case of fire		Class A1 see DoP Annex 10 to C2	
	Hygiene, health and the environment		NFPA	

For more information call:

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