XPE440

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.

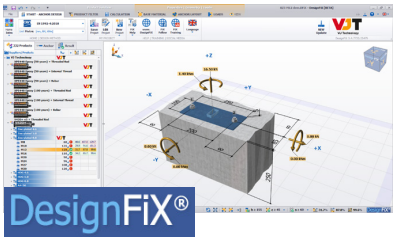
Applications

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 for cracked and non-cracked concrete
- ETA for post-installed rebar
- EN 1992-4, EN 1992-1 and TR 069 design methods assessed and supported
- Additional provisions within ETA-20/0202 for a working life of 100 years
- CCPI verified product information: Verification Number 002400004/1027
- 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



CCPi

Fire Resistance Class R 120

NSF
Certified to NSF/ANSI/CAN 61

ECO PLATFORM EPD VERIFIED

ÉMISSIONS DANS L'AIR INTÉRIEUR A+

LEED tested

		1343-CPR-M 532-10-CE	1343-CPR-M 532-11-CE	1343-CPR-M 532-12-CE
		ETA-20/0202	ETA-20/0230	ETA-24/0077
		25	25	25
		EAD 330499-01-0601	EAD 33087-00-0601	EAD 332402-00-0601
BWR 1	Mechanical resistance and stability	Option 1 M8 - M30 / IT-M6 - IT-M20 / rebar ø8 - ø32 for cracked and non-cracked concrete see DoP Annex C1 to C23	ø8 - ø40 for post-installed rebar connection see DoP Annex C1	ø8 - ø40 for post-installed rebar connection with improved bond splitting behaviour see DoP Annex C1 to C3
BWR 2	Safety in case of fire	-	Class A1 see DoP Annex C2 to C3	NPA
BWR 3	Hygiene, health and the environment	NPA	NPA	NPA

For more information call:

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v1.3/CHE/XPELeaf/26