

# V420+ v3

## Hybrid Injection Mortar

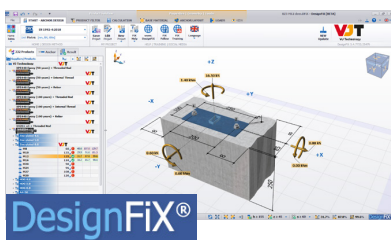
V420+ v3 is a hybrid vinylester injection mortar with approvals for anchoring and rebar connections in cracked and non-cracked concrete. Assessed for a working life of 100 years, V420+ v3 is ideal for heavy duty connections including with high anchorage depth.

### Applications

- V420+ v3 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-17/0570 for a working life of 100 years
- Approved for seismic performance categories C1 and C2
- CCPI verified product information: Verification Number 002400004/1027
- Suitable for dry and wet concrete including flooded holes (bonded anchors)
- Suitable for overhead application
- EPD Declaration number: EPD-VJT-20250481-CBA1-EN
- 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](mailto:technical@vjtechnology.com) to model application



ETA		1342-CPR-M 532-6-CE	1343-CPR-M 532-7-CE	1343-CPR-M 532-14-CE
CE		ETA-17/0570	ETA-17/0571	ETA-24/0076
		25	25	25
		EAD 330499-01-0601	EAD 33087-00-0601	EAD 332402-00-0601
BWR 1	Mechanical resistance and stability	Complies with EN 10683 (17-05-2007) and EN 10683 (17-05-2007) for post-installed rebar connections, with improved bonding behaviour, see DAF Annex C1 to C1B.	Complies with EN 10683 (17-05-2007) and EN 10683 (17-05-2007) for post-installed rebar connections, with improved bonding behaviour, see DAF Annex C1 to C1B.	Complies with EN 10683 (17-05-2007) and EN 10683 (17-05-2007) for post-installed rebar connections, with improved bonding behaviour, see DAF Annex C1 to C1B.
BWR 2	Safety in case of fire	-	Class A1 see DAF Annex C2 to C3	N/A
BWR 3	Hygiene health and the environment	N/A	N/A	N/A

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