

# V420+ v3

## Hybrid Injection Mortar

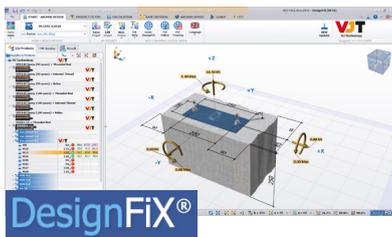
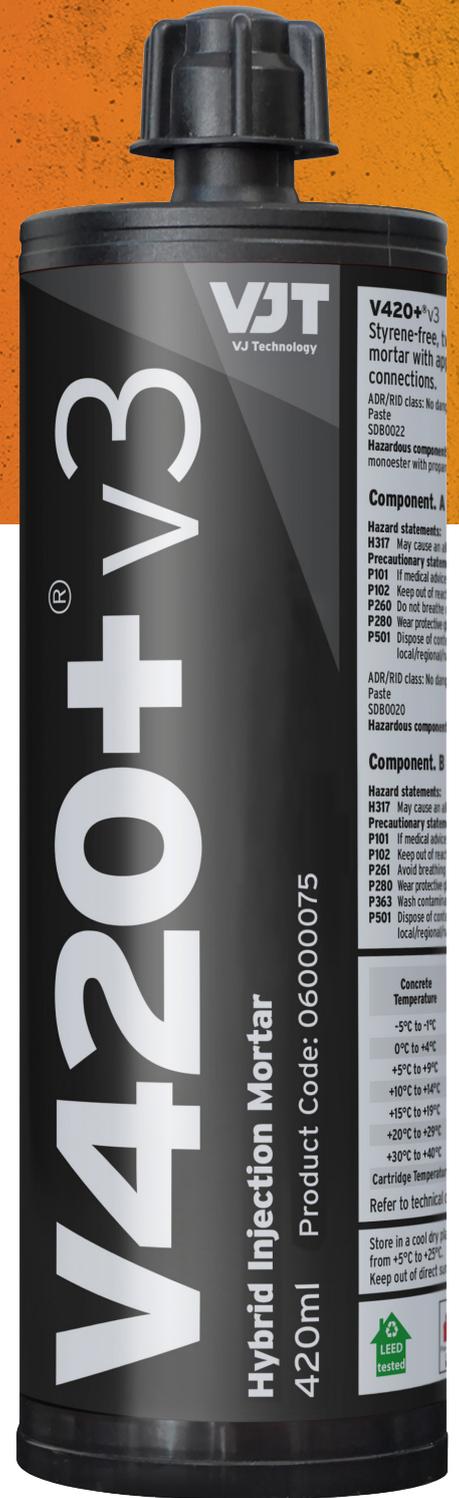
V420+ v3 is a hybrid vinylester injection mortar with approvals for anchoring and rebar connections in cracked and non-cracked concrete. Assessed for a working life of 100 years, V420+ v3 is ideal for heavy duty connections including with high anchorage depth.

### 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/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-17/0570 or UKTA-22/6265 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



Certified to NSF/ANSI/CAN 61



UK CA	UK 0836-CPR-M 532-6-CA	UK 0836-CPR-M 532-7-CA	
	UKTA-22/6265	UKTA-22/6263	
25	25		
ETA	1342-CPR-M 532-6-CE	1343-CPR-M 532-7-CE	1343-CPR-M 532-14-CE
	ETA-17/0570	ETA-17/0571	ETA-24/0076
25	25	25	
BWA	EAD 330499-01-0601	EAD 33087-00-0601	EAD 332402-00-0601
	Option 1 MR, MR2 (F-MR) for cracked and non-cracked concrete see DoP Annex C1 to CE	MR-02 for post-installed rebar connection see DoP Annex C1	MR-02 for post-installed rebar connection with improved load setting behaviour see DoP Annex C1
BWR 1	Mechanical resistance and stability		
BWR 2	Safety in case of fire		
BWR 3	Hygiene, health and the environment		

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