

INJECTION SYSTEM W-VIZ/S WITH CHEMICAL INJECTION MORTAR WIT-VM 100/WIT-EXPRESS

23.1

Individual attachment:

Cracked and non-cracked concrete




Galvanised steel

For W-VIZ/A4 injection system see **23.2**

For W-VIZ/HCR injection system see **23.2**



Proof of performance

Permissions	Test reports	Pass-through mounting (M10 to M24)
<p>European Technical Approval Option 1 for cracked and non-cracked concrete and seismic performance category C2</p> 	<p>Fire resistance Direct flame effect</p> 	 <p>Ring gap between anchor rod and attached part must be filled with WIT-VM 100 or WIT-EXPRESS mortar.</p>

Drill hole cleaning

Clean the drill hole: 2x blow-out, 2x mechanical brush-out, 2x blow-out
If the drill hole is M20 or larger, blow out with compressed air using the appropriate compressed air nozzles

- Hardened injection mortar largely seals off the drill hole
- Attachment with low expansion pressure allows small axial and edge clearances
- Geometry of anchor rod allows safe subsequent expansion performance
- Cartridge can be reused by replacing static mixer or by reclosing with sealing cap

3. Properties

- Torque-controlled expanding anchors made of galvanised steel
- Approval: **ETA-04/0095 for individual attachment**
Option 1, cracked and non-cracked concrete, seismic performance category C2
- Fire resistance: F30, F60, F90 and F120
Exposure to fire according to DIN 4102-02: 1977-09 (uniform temperature curve)

1. Areas of application

- **Individual attachment:** Standard concrete C20/25 to C50/60 (cracked and non-cracked concrete)
- Suitable for fastening metal structures, metal profiles, brackets, base plates, supports, railings, wooden structures, beams etc.
- The temperature in the area surrounding the mortar must not exceed +50°C or +72°C, short term +80°C or +120°C
- W-VIZ/S (galvanised steel) can be used in dry indoor areas

2. Benefits

- Through-bolt and cotter-pin mounting
- Highest load-bearing capacity, low axial and edge clearance
- Shallow drilling hole depth with deep anchoring depth
- The drill holes can be produced by the hammer drilling process (M8 to M24) and diamond drilling process (M10 to M24)

Setting instructions (cotter-pin mounting M8 to M24):

