

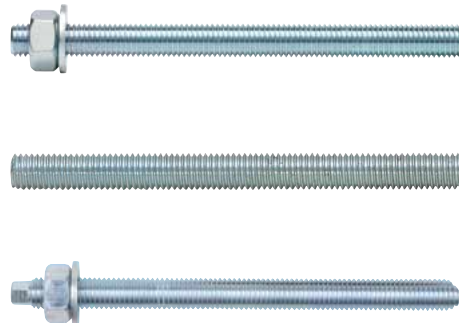
MULTI WIT-UH 300 CONCRETE, OPTION 1

23.4

Hybrid urethane-vinyl ester mortar, styrene-free



Cracked and uncracked concrete



Flexible high-performance mortar for concrete

Individual attachment:

Cracked and uncracked concrete

WIT-UH 300, 280 ml peeler cartridge, incl. 1 static mixer
For use with normal silicone application gun

WIT-UH 300, 320 ml coaxial cartridge, incl. 1 static mixer

WIT-UH 300, 420 ml coaxial cartridge, incl. 1 static mixer

WIT-UH 300, 825 ml side-by-side cartridge, incl. 1 static mixer

Proof of performance

Approvals

European Technical Approval

Option 1
For cracked and uncracked concrete
Earthquake performance category C1 (M8 - M30) and C2 (M12)



1. Areas of use

- Approved for cracked (concrete tensile zone) and uncracked concrete (concrete pressure zone), C20/25 to C50/60
- Suitable for securing wooden structures, metal structures, metal profiles, brackets, pipes, cable conduits etc.
- WIT-UH 300 Injection Mortar can also be used for reinforcement attachments mortared-in at a later point in time

2. Advantages

- Anchor rod with metric thread and high load capacities in concrete
- Variable anchoring depths (flexibility)
- Hardened injection mortar largely seals off the drill hole
- 280, 320 and 420 ml cartridges can be used up to expiration of the best before date by replacing the static mixer or by being closed again with sealing cap
- High temperature stability (temperatures briefly up to 160°C)
- Ambient temperature: 3 Temperature ranges

Drill hole cleaning

Cracked and uncracked concrete:
Blow out two times with compressed air (min. 6 bar, oil-free), brush out two times, blow out two times with compressed air (min. 6 bar, oil-free)

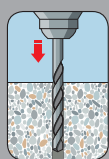
Uncracked concrete, drill dia. $d_0 \leq 20$ mm and drill hole depth $h_0 \leq 10 \times$ anchor rod dia.:
Blow out four times with hand pump, brush out four times, blow out four times with hand pump

- Cracked and uncracked concrete: European Technical Approval ETA-17/0127, earthquakes C1 (M8 to M30) and C2 (M12)
- For reinforcement attachments mortared-in at a later point in time, see Info **29.3**: ETA-17/0036
- Hybrid urethane-vinyl ester mortar, styrene-free
- Temperature in the anchoring base during processing and hardening: -5°C to $+40^\circ\text{C}$
- Ambient temperature after complete hardening: -40°C to $+160^\circ\text{C}$
- Transport and storage temperature (cartridge): $+5^\circ\text{C}$ to $+25^\circ\text{C}$
- Shelf life (store in a cool, dry and dark place): 18 months

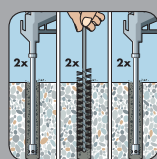
3. Features

Setting instructions

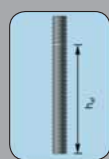
Concrete



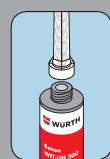
Create drill hole



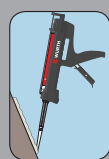
Clean drill hole:
Blow out two times with oil-free compressed air (min. 6 bar)/brush out two times/ blow out two times with oil-free compressed air (min. 6 bar)



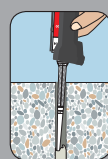
Cut anchor rod to length and mark desired setting depths



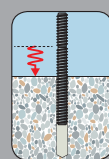
Screw mixer onto cartridge



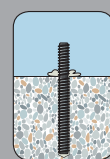
Discard the initial mortar material (until the mortar is of a uniform color - approx. 10 cm)



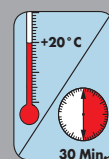
Fill composite mortar starting from the base of the drill hole



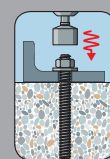
Press in anchor bar up to drill hole base while turning slightly



Visual check of mortar filling quantity, setting depth mark



Comply with the hardening time of composite mortar



Mount the component, apply torque