

23.7

WIT-PE 500 Injection System

A4, Option 1

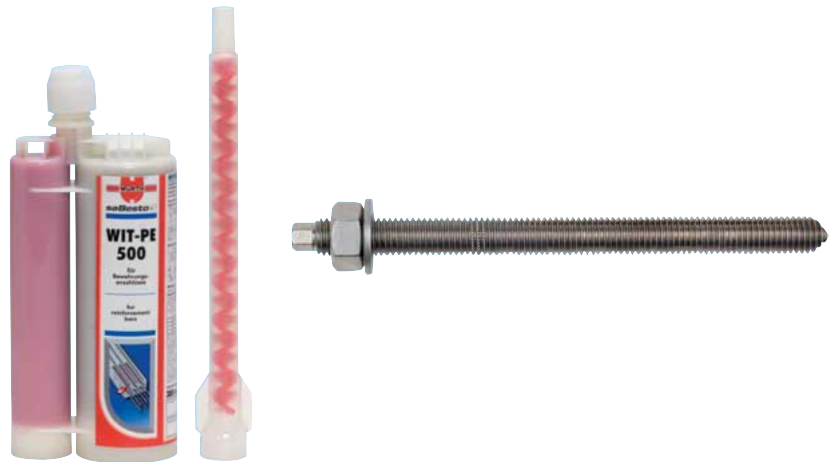
with WIT-PE 500 Injection Mortar for working with the dispenser gun, Art. No. 0891 009

Individual fastening:

Cracked and uncracked concrete

Stainless steel A4

WIT-PE 500, subsequently mortared-in reinforcement connections, see 29.1



Proof of performance

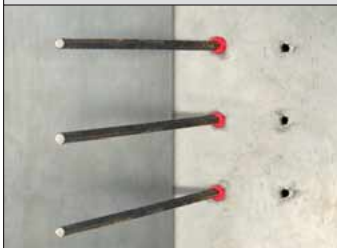
Approvals

European Technical Approval

Option 1 for cracked and uncracked concrete



Subsequently mortared-in reinforcement connections



See permit Z-21.8-1834

Drilled hole cleaning

Clean drill hole: Blow out 2x, brush out mechanically 2x, blow out 2x

With M20 or larger drill hole, blow out **with compressed air** using the appropriate compressed-air nozzles.

- Suitable for fastening metal structures, metal profiles, brackets, foot plates, supports, railings, wood structures, beams etc.

2. Advantages

- Variable anchoring depth
- The injection anchor is suitable for use in cracked concrete (concrete tensile zone) and uncracked concrete (concrete pressure zone)
- WIT-PE 500 Injection Mortar can be used for subsequently mortared-in reinforcement connections (ETA-07/0313, Z-21.8-1834)
- Hardened injection mortar largely seals off the drill hole
- Attachment with low expansion pressure allows close edge and axial spacing
- Mechanical drill hole cleaning: Easy handling, very good drill hole cleaning, high load-bearing capacities
- Cartridge can be reused by replacing static mixer or by reclosing with sealing cap

3. Features

- Anchoring through bond between injection mortar, anchor rod and anchoring base.
- Bonded anchor for anchoring in cracked and uncracked concrete: European Technical Approval ETA-09/0040
- Measured in accordance with EOTA Technical Report TR 029 "Design of Bonded Anchors"
- Anchor rod cut to length, with acceptance test cert. 3.1 as per EN 10204
- Transport and storage temperature (cartridge): +5 °C to +25 °C
- Minimum shelf life when stored properly: 24 months

1. Applications

- Can be used for medium to heavy loads
- With European Technical Approval, the anchor may be used in reinforced or non-reinforced standard concrete of a strength class of at least C20/25 and at most C50/60 in accordance with EN 206: 2000-12
- Anchorage with European Technical Approval in cracked concrete (M12 to M24 - concrete tensile zone) and in uncracked concrete (M8 to M30 - concrete pressure zone)
- The anchor may be used for anchorage with primarily static loads (e.g. own weight, installations, support materials) or quasi-static loads (e.g. railings)
- Installation in dry or wet concrete and in drill holes filled with water
- The temperature in the area of mortaring may not exceed +24 °C or +43 °C, briefly +40 °C, +60 °C or +72 °C
- For use in concrete < C20/25 and pressure-resistant natural stone (without approval)
- Stainless steel A4 can be used in dry interior rooms, outdoors (including industrial atmosphere and near the sea) or in damp rooms

Setting instructions

