

CONCRETE SCREW WIT

23.3

2-component reaction resin mortar, vinylester styrene-free



Cracked and uncracked concrete



Individual fastening:

Cracked and uncracked concrete, sizes 10 – 14
Can be loaded with a proportion of the load immediately
Very high loads after the mortar hardens

Concrete screw mortar WIT-BS, 150 ml coaxial cartridge incl. one static mixer and press-out piston

for processing with standard silicone injection gun

Concrete screw mortar WIT-BS, 410 ml coaxial cartridge incl. one static mixer

Proof of performance

Approvals

General technical approval
For cracked and uncracked concrete

Fire resistance
R30 – R120



1. Areas of use

- Approved for cracked and uncracked concrete C20/25 to C50/60
- Suitable for fastening wooden structures, metal structures, metal profiles, brackets, railings, pipes, cable conduits etc.

2. Benefits

- Variable embedment depths
- Can be loaded with a proportion of the load immediately (comp. to performance data on Page 4)
- Very high loads after the mortar hardens
- Drill hole can be created using the hammer drilling or diamond drilling method
- Time-saving in-place installation and pre-positioned installation possible

Installation tips

- Screw in concrete screw with load
- In case of overhead installation, wear appropriate protective clothing

Drill hole cleaning

Cleaning the drill hole: Blow out 1x, brush out 4x, blow out 1x

- Hardened injection mortar largely seals off the drill hole
- WIT-BS 150 ml can be processed with a standard silicone injection gun

3. Characteristics

- Cracked and uncracked concrete: German Approval Z-21.1-2075
- Fire resistance as per DIN SPEC 1021-4-1: R30 – R120
- 2-component reaction resin mortar, vinylester styrene-free
- Temperature in the embedment base during processing and hardening: -5°C to $+40^{\circ}\text{C}$
- Ambient temperature after complete hardening: -40°C to $+80^{\circ}\text{C}$
- Transport and storage temperature (cartridge): $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$
- Shelf life (store in a cool, dry and dark place):
Coaxial cartridge (150 ml): 18 months
coaxial cartridge (410 ml): 18 months

Pre-positioned installation/in-place installation setting instructions

