



GSA Chemical Anchor

Description

A fast curing two component chemical fastener based on synthetic resins for anchoring threaded studs, reinforcing bars and starter bars into solid and hollow substrates.

Application

Widely used for anchoring into surfaces such as concrete, brickwork, hollow stone. For solid fastening of window frames, roller blinds, banisters and railings, hinges, guard rails, brackets.

Directions

Drill the correct size hole, clean out the hole by brushing out or blowing with compressed air. Inject the resin into the hole filling approximately on third the hole depth. The first 10 cm of resin should not be used due to insufficient mixing. Insert the stud and move back and forth ensuring that the resin overflows around the bolt. After cure time the both can be tightened. For best results only fully tighten after 24 hours.

Storage/Shelf Life

Store in a cool place out of the sun. Do not store above 50°C. Shelf life 12 months

Specification

| TEMP | GEL TIME | LOADING AFTER |
|---------|------------|---------------|
| + 30° C | 4 minutes | 25 minutes |
| + 20° C | 6 minutes | 45 minutes |
| + 10° C | 15 minutes | 80 minutes |
| + 5° C | 25 minutes | 120 minutes |



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Gel and loading times will vary dependent on temperature and relative humidity

| Fixing \varnothing | Drill \varnothing | Depth mm | Approx. fixings |
|----------------------|---------------------|----------|-----------------|
| 8 | 10 | 80 | 70 |
| 10 | 12 | 90 | 44 |
| 12 | 14 | 110 | 20 |
| 16 | 18 | 125 | 14 |
| 20 | 22 | 170 | 8 |
| 24 | 26 | 210 | 3 |

| | | | |
|----------------------|----------|---------------------|------|
| Tensile strength | ASTM638 | N / mm ² | >10 |
| Compressive strength | ASSTD695 | N / mm ² | >78 |
| Flexural strength | ASTM790 | N / mm ² | 21 |
| Modulus | | N / mm ³ | 4570 |

Health & Safety

Avoid contact with eyes and skin. Keep away from heat sources.

Limitations

Not recommended for continuous water immersion

Packaging

280 ml cartridge

12 units per outer carton

Disclaimer

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