Scell-it[®]

UNIVERSAL CHEMICAL RESIN POLYESTER

F300 / F380



FEATURES

High efficiency polyester resin

Can be used with:

- M8 to M24 zinc-plated and A4-70 stainless steel threaded rod.
- nylon sleeve for use in hollow masonry

advantages:

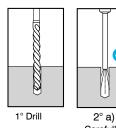
- Universal: Concrete (option 7 ETA for M8 to M24 threaded rod) and masonry.
- Can be used indoors.
- Available in concrete and stone tone
- Temperature range: from -40°C to +40°C in concrete and masonry.

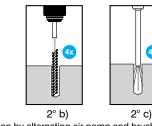


- Blinds, hinges, gates
- · Boilers, air-conditioner, plumbing fixtures
- Antenna
- Bracket anchors



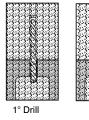
Concrete and solid masonry :



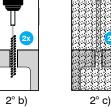


Carefully clean by alternating air pomp and brushing as indicated

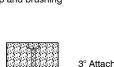
Hollow masonry :



Illy clean by alternating air po as indicated



Carefully clean by alternating air pomp and brushing as indicated



arev.

3° Attach the mixing nozzle to the cartdrige. Before filling the hole, extrude first 5-10 ml out of the hole (fill the nozzle at least 3 times) until the colour becomes evenly grev.



4° Fill the hole 1/2 to 2/3 full with the resin from the bottom upwards



4° Insert the nylon sleeve into the hole and fill with the resin, from the bottom up.



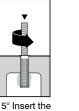
e.g. 20°C

time is reached, fix

the add-on part with the max torque

20°Č

5° Insert the threaded rod by turning it slowly



threaded rod by

turning it slowly



6° Once the curing time is reached, fix the add-on part with the max torque

NB: for more details, see appendices 5 and 6 of ETA n° 11/0443

2° a)

CURING TIME

| | Concrete temperature | - 5°C | 0°C | 5°C | 10°C | 20°C | 30°C | >35°C |
|------------|----------------------|--------|--------|--------|-------|-------|-------|-------|
| W. | Maximum working time | 90min | 45min | 25min | 15min | 6min | 4min | 2min |
| \bigcirc | Minimum curing time | 360min | 180min | 120min | 80min | 45min | 25min | 20min |

For implementation to $T^{\circ} < 0^{\circ}$ C, cartdrige temperature must be between +15°C and +25°C. For implementation to 0°C < $T^{\circ} < 30^{\circ}$ C, cartdrige temperature must be between +5°C and +25°C. For implementation to $T^{\circ} > 30^{\circ}$ C, cartdrige temperature must be < +20°C

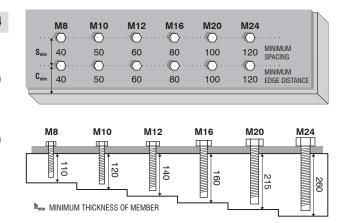
INSTALLATION

3° Attach the mixing nozzle to the cartdrige. Before filling the hole, extrude first 5-10 ml out of the hole (fill the nozzle at least 3 times) until

the colour becomes evenly

INSTALLATION DATAS

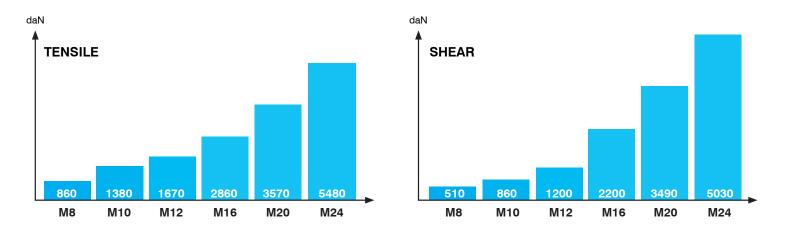
| Concrete | | | | | | | | |
|-----------|-------------------------|-------------------|----|-----|-----|-----|-----|-----|
| Concrete | | | M8 | M10 | M12 | M16 | M20 | M24 |
| | Ø drill size (mm) | d _{cut} | 10 | 12 | 14 | 18 | 24 | 28 |
| | anchor depth (mm) | h _{ef} | 80 | 90 | 110 | 125 | 170 | 210 |
| A Section | socket/wrench size (mm) | Sw | 13 | 17 | 19 | 24 | 30 | 35 |
| | torque setting (N.M.) | T _{inst} | 10 | 20 | 40 | 60 | 120 | 150 |
| | | | | | | | | |



RECOMMENDED LOADS

- Loads are calculated from characteristic values published in the ETA on which partial safety factors from the ETAG001 and a partial action coefficient $\Im f = 1.4$ are applied. Values are given for standard anchor depths.

- Values calculated for T° = +24°C/+40°C in C20/25 concrete with 5.8 zinc plated steel threaded rod.



ADDITIONAL DATAS

Variantes 300ml 300ml 380ml 380ml 📃 🕨 STONE COLOUR **CONCRETE COLOUR** STONE COLOUR **CONCRETE COLOUR Ref: F300 Ref: F300G Ref: F380 Ref: F380G** 12 cartdriges by cardboard · Available accessories: - mixing nozzle (Ref: VI-BUSE) Every cartdrige is delivered with a mixing nozzle - metallic brush (Ref: BR8/10, BR10/14, BR16/28) -D - air pump (Ref: AIR)

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