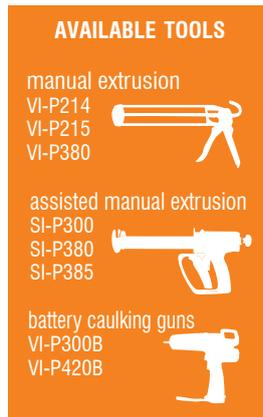
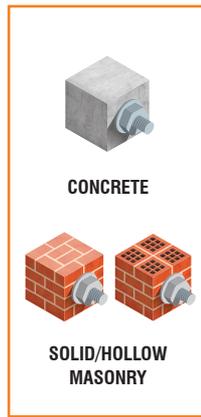


UNIVERSAL CHEMICAL RESIN POLYESTER

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.

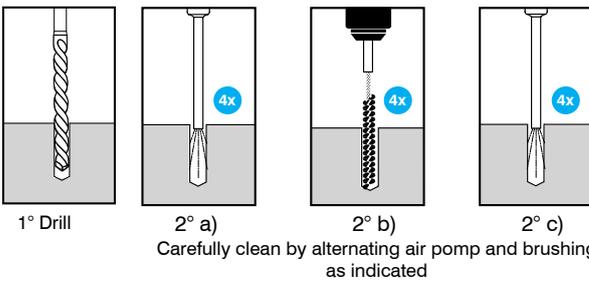
APPLICATION EXAMPLES

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

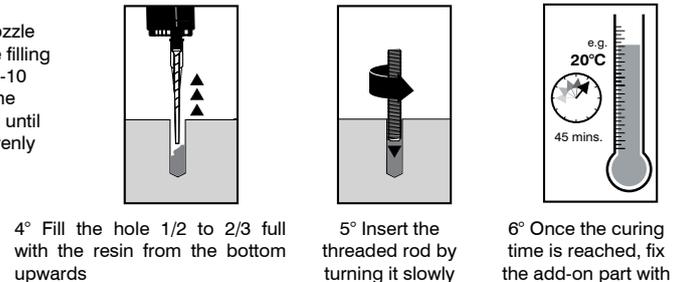


INSTALLATION

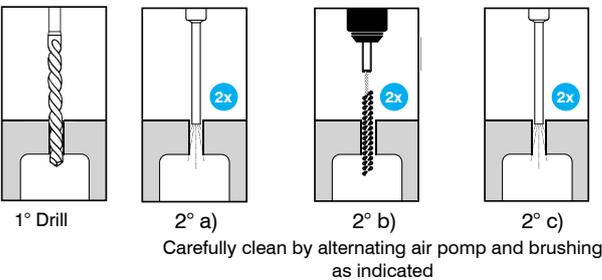
Concrete and solid masonry :



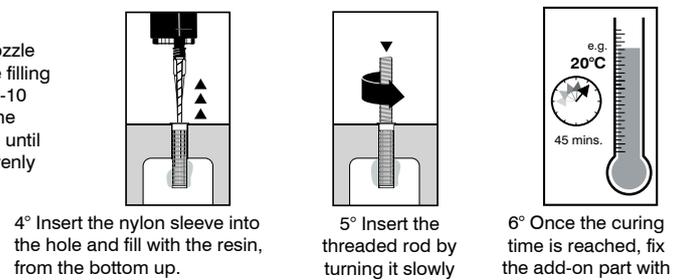
3° Attach the mixing nozzle to the cartridge. Before filling the hole, extrude first 5-10 ml out of the hole (fill the nozzle at least 3 times) until the colour becomes evenly grey.



Hollow masonry :



3° Attach the mixing nozzle to the cartridge. 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 grey.



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

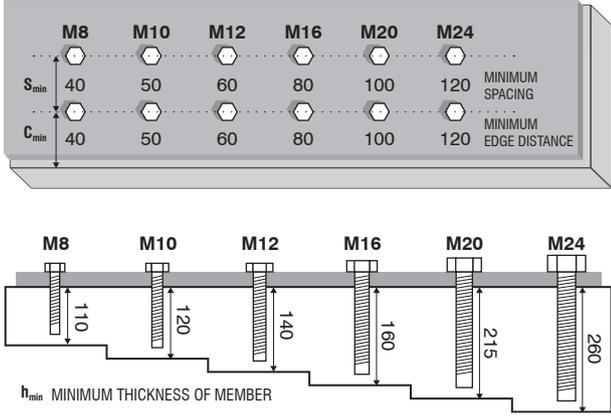
CURING TIME

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

For implementation to T° < 0°C, cartridge temperature must be between +15°C and +25°C.
 For implementation to 0°C < T° < 30°C, cartridge temperature must be between +5°C and +25°C.
 For implementation to T° > 30°C, cartridge temperature must be < +20°C

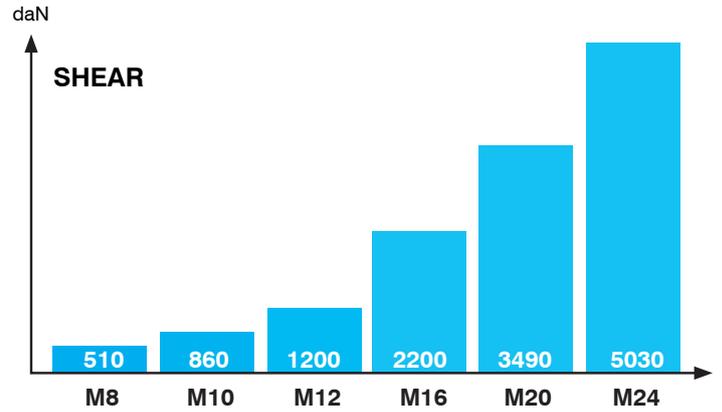
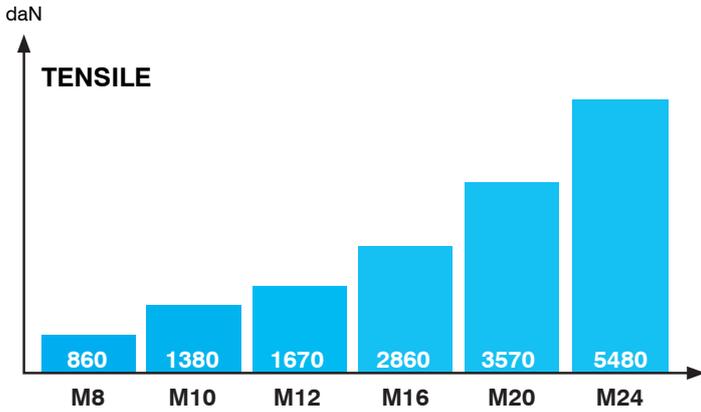
INSTALLATION DATAS

Concrete		M8	M10	M12	M16	M20	M24
Ø drill size (mm)	d_{out}	10	12	14	18	24	28
anchor depth (mm)	h_{ef}	80	90	110	125	170	210
socket/wrench size (mm)	S_w	13	17	19	24	30	35
torque setting (N.M.)	T_{inst}	10	20	40	60	120	150



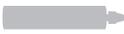
RECOMMENDED LOADS

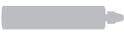
- Loads are calculated from characteristic values published in the ETA on which partial safety factors from the ETAG001 and a partial action coefficient $\gamma_f = 1.4$ are applied. Values are given for standard anchor depths.
- Values calculated for $T^\circ = +24^\circ\text{C}/+40^\circ\text{C}$ in C20/25 concrete with 5.8 zinc plated steel threaded rod.

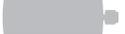


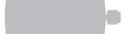
ADDITIONAL DATAS

Variantes

300ml 
 **STONE COLOUR**
Ref: F300

300ml 
 **CONCRETE COLOUR**
Ref: F300G

380ml 
 **STONE COLOUR**
Ref: F380

380ml 
 **CONCRETE COLOUR**
Ref: F380G

12 cartridges by cardboard
 Every cartridge is delivered with a mixing nozzle

• Available accessories:

- mixing nozzle (Ref: VI-BUSE)
- metallic brush (Ref: BR8/10, BR10/14, BR16/28)
- air pump (Ref: AIR)

