

VINYL ESTER CHEMICAL ANCHOR WITHOUT STYRENE

- CE option 1 for cracked and uncracked concrete
- C2 Seismic performance category (M12-M16)
- Comply with LEED®, IEQ Credit 4.1
- A+ Class: emission of volatile organic compounds (VOC) in lived environments
- Dry or wet concrete
- Concrete with submerged holes
- Without styrene



CODES AND DIMENSIONS

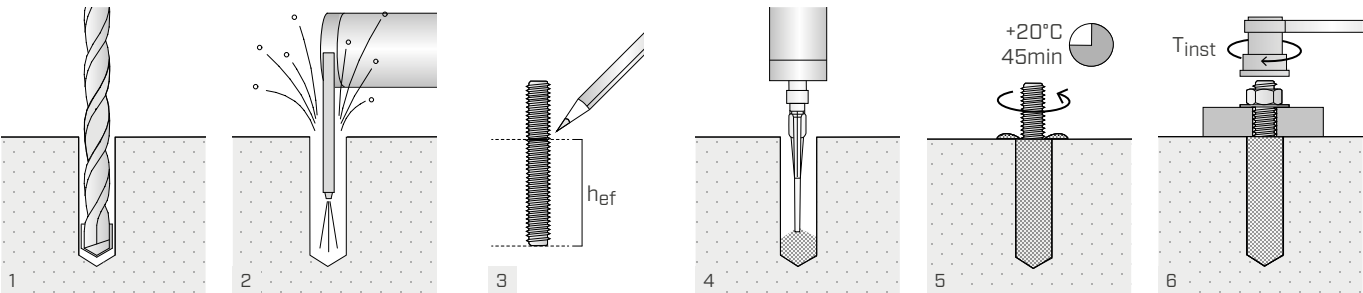
CODE	format [ml]	pcs
FIX300	300	12
FIX420	420	12

Expiry from date of manufacturing: 12 months for 300 ml, 18 months for 420 ml.
Storage temperature between +5 and +25° C.

ADDITIONAL PRODUCTS - ACCESSORIES

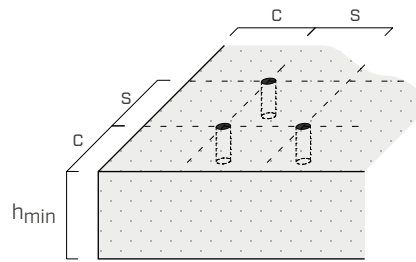
type	description	format [ml]	pcs
MAM400	gun for cartridge	420	1
FLY	gun for cartridge	300	1
STING	nozzle	-	12
PONY	blow pump	-	1

ASSEMBLY



■ INSTALLATION

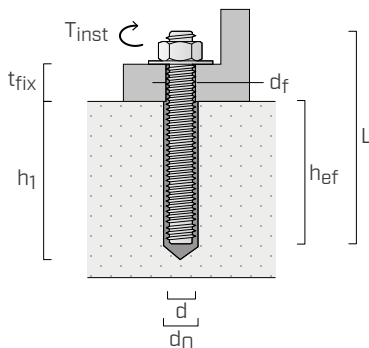
INSTALLATION GEOMETRY ON CONCRETE | THREADED RODS



d	[mm]	M8	M10	M12	M16	M20	M24
d ₀	[mm]	10	12	14	18	24	28
h _{ef,min}	[mm]	60	60	70	80	90	96
h _{ef,max}	[mm]	160	200	240	320	400	480
d _f	[mm]	9	12	14	18	22	26
T _{inst}	[Nm]	10	20	40	80	120	160

			M8	M10	M12	M16	M20	M24
Minimum spacing	s _{min}	[mm]	40	50	60	80	100	120
Minimum edge distance	c _{min}	[mm]	40	50	60	80	100	120
Minimum thickness of concrete support	h _{min}	[mm]	h _{ef} + 30 ≥ 100 mm			h _{ef} + 2 d ₀		

For spacing and distances smaller than the critical ones, strength values have to be reduced depending on the installation parameters.



d	anchor diameter
d ₀	hole diameter in the concrete support
h _{ef}	effective anchor depth
d _f	hole diameter in the element to be fastened
T _{inst}	maximum tightening torque
L	anchor length
t _{fix}	maximum fastening thickness
h ₁	minimum hole depth

■ INSTALLATION TIME AND TEMPERATURE

support temperature	cartridge temperature	workability time	curing time before loading
-5 ÷ -1 °C	+5 ÷ +40 °C	90 min	6 h
0 ÷ +4 °C		45 min	3 h
+5 ÷ +9 °C		25 min	2 h
+10 ÷ +14 °C		20 min	100 min
+15 ÷ +19 °C		15 min	80 min
+20 ÷ +29 °C		6 min	45 min
+30 ÷ +34 °C		4 min	25 min
+35 ÷ +39 °C		2 min	20 min

Component A classification: Eye Irrit. 2; Skin Sens. 1.

Component B classification: Eye Irrit. 2; Skin Sens. 1.