

Chemifix

CARTRIDGE RESIN FOR CHEMICAL FIXING



DESCRIPTION

Two-component chemical fixing system composed of polyester resin in cartridges, used with a dispenser and a static mixer. Easy application and rapid hardening enable precision fixing and anchorage of metal elements in previously prepared holes in various substrates.

USE

Suitable for anchoring steel bars and reinforcement, and fixing bolts, bushes, hooks or threaded bars in solid or hollow building materials.

SPECIFICATIONS

Fix and anchor metal elements such as threaded bars, bolts, hooks and reinforcing bars in solid or hollow building materials using a two-component, rapid-hardening resin (such as CHEMIFIX by COLMEF S.r.l.), applied with a suitable dispenser.

TECHNICAL DATA

Specific weight (g/cm ³):	1,3
Mixing ratio:	10 : 1

Fixing on concrete				Fixing on solid bricks and compact walls			
Bar	M	M	M	Bar	M	M	M
Class. 5,6	8x100	10x115	12x130	Class. 5,6	8x100	10x115	12x130
Perf. diam	10 mm	12 mm	14 mm	Perf. diam	10 mm	12 mm	14 mm
Perf. depth	85 mm	90 mm	100 mm	Perf. depth	85 mm	90 mm	100 mm
Thickness	5 mm	10 mm	15 mm	Thickness	5 mm	10 mm	15 mm
Tightening	15 Nm	30 Nm	50 Nm	Tightening	7 Nm	15 Nm	25 Nm
Cons. tract.	3,3 kN	4,5 kN	6,0 kN	Cons. tract.	2,0 kN	2,6 kN	2,8 kN
Cons. size	3,5 kN	5,0 kN	7,5 kN	Cons. size	3,0 kN	3,4 kN	3,9 kN

Number of fixings on solid materials				Number of fixings on hollowed materials			
Screw pitch	Perforation depth (mm)	CHEMIFIX 300 ml	CHEMIFIX 400 ml	Screw pitch	Reinforced bush	CHEMIFIX 300 ml	CHEMIFIX 400 ml
M 8	85	+/- 60	+/- 90	M 8	15x85	8	25
M 10	90	+/- 40	+/- 60	M 10	15x85	8	25
M 12	100	+/- 30	+/- 40	M 12	15x85	8	25

Number of fixings on solid materials				Hardening time	
Screw pitch	Perforation depth (mm)	CHEMIFIX 300 ml	CHEMIFIX 400 ml	Temperature	Time
M 8	85	+/- 60	+/- 90	5 °C	30 min.
M 10	90	+/- 40	+/- 60	10 °C	15 min.
M 12	100	+/- 30	+/- 40	15 °C	10 min.
				20 °C	7 min.
				30 °C	3 min.

Tests performed at 23 °C - R.H. 50% in the absence of air ventilation

PACKAGING

300 ml cartridge
in 12 piece box
400 ml cartridge
in 12 piece box

