



Chemical anchor for use in concrete and masonry. Specially formulated for light or medium duty fixing into hollow or solid base materials.



[ETA-13/0415](#)
[UK-DoP-e13/0415](#)

FEATURES

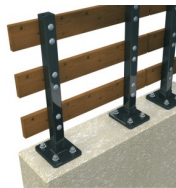


Material

- Styrene free polyester
- Use with Simpson Strong-Tie threaded rod (LMAS) : galvanised steel and stainless A4-70

Benefits

- Fast curing.
- Non-flammable.
- Low odour.
- Colour changes when cured.



APPLICATIONS

MULTI-MATERIAUX

Header member

Hollow or solid masonry.

For Use With

- Blinds
- Hinges
- Air conditioners
- Satellite Dishes
- Boilers

TECHNICAL DATA

Item Codes

References	Item Code	Content [ml]	Weight [kg]
POLY-GP380-FR	Poly-GP380-FR	380	0.9
Poly-GPTM 300	Poly-GP300-DE	300	-

Two nozzles are supplied with each cartridge. Downloadable Safety Data Sheet available from www.strongtie.eu

Performance Values

References	Tension [Rds,N] [kN]				Shear [Rds,V] [kN]			
	Solid Brick	Autoclaved aerated concrete blocks	Hollow Brick	Hollow concrete block	Solid Brick	Autoclaved aerated concrete blocks	Hollow Brick	Hollow concrete block
Poly GP + LMAS M8	0.72	0.26	0.43	0.26	0.72	0.26	0.43	0.26
Poly GP + LMAS M10	0.72	0.35	0.43	0.35	0.72	0.35	0.43	0.35
Poly GP + LMAS M12	0.72	0.35	0.57	0.35	0.72	0.35	0.57	0.35

Performance values are calculated from published data characteristic values in the ETA on which partial safety factors from ETA and a partial coefficient = 1.4 # actions are applied. Service charges include the sealing position in the holder and is adhered to the method of installation. For hollow brackets unknown resistance, site of trials are needed (in accordance with ICASA recommendations for use by construction professionals for the construction of ankles tests on site).

INSTALLATION

Curing Schedule

Temp of Support	-5°C	0°C	5°C	10°C	15°C	20°C	30°C
Working Time	25min	15min	12min	8min	7min	4min	2min
Curing Time	4h	3h	2h30	1h15	55min	30min	20min



Drill.



Brush.



Insert sieve.



Inject the resin.



Insert the rod, turning slowly.



Once set, full load capacity is reached.



Drill.



Remove dust by brushing and blowing,



Fill the hole to half or two thirds, withdrawing the nozzles with each pump.



insert the LMAS rod, turning slowly.



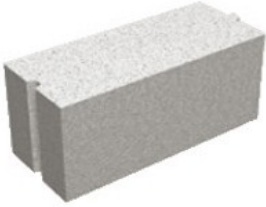
Once set, full load capacity is reached.

Solid Brick Installation



References	Ø drilling diameter [d0] [mm]	Maximum diameter of hole in the fixture [df] [mm]	Depth of the drilling hole [h1] [mm]	Wrench Size [Sw]	Installation Torque [Tinst] [Nm]	Depth of the drilling hole [hef] [mm]	Characteristic spacing - Scr,N [mm]	Minimum spacing - Smin [mm]	Characteristic edge distance - Ccr,N [mm]	Minimum edge distance - Cmin [mm]
Poly GP + LMAS M8	10	9	85	13	4	80	160	50	80	50
Poly GP + LMAS M10	12	12	85	15	6	80	200	50	100	50
Poly GP + LMAS M12	14	14	85	18	8	80	240	50	120	50

Cellular Concrete



References	Ø drilling diameter [d0] [mm]	Maximum diameter of hole in the fixture [df] [mm]	Depth of the drilling hole [h1] [mm]	Wrench Size [Sw]	Installation Torque [Tinst] [Nm]	Depth of the drilling hole [hef] [mm]	Characteristic spacing - Scr,N [Nm]	Minimum spacing - Smin [mm]	Characteristic edge distance - Ccr,N [mm]	Minimum edge distance - Cmin [mm]
Poly GP + LMAS M8	10	9	85	13	2	80	160	50	80	50
Poly GP + LMAS M10	12	12	85	15	3	80	200	50	100	50
Poly GP + LMAS M12	14	14	85	18	5	80	240	50	120	50

Foundation Brick



References	Ø drilling diameter [d0] [mm]	Size of the Sieve	Maximum diameter of hole in the fixture [df] [mm]	Depth of the drilling hole [h1] [mm]	Wrench Size [Sw]	Installation Torque [Tinst] [Nm]	Depth of the drilling hole [hef] [mm]	Characteristic spacing - Scr,N [mm]	Minimum spacing - Smin [mm]	Characteristic edge distance - Ccr,N [mm]	Minimum edge distance - Cmin [mm]
Poly GP + LMAS M8	16	16x85 ou 16x130	9	135	13	4	130	500	100	250	100
Poly GP + LMAS M10	16	16x85 ou 16x130	12	135	15	6	130	500	100	250	100
Poly GP + LMAS M12	16	16x85 ou 16x130	14	135	18	6	130	500	100	250	100

Hollow Cinderblock



References	Ø drilling diameter [d0] [mm]	Size of the Sieve	Maximum diameter of hole in the fixture [df] [mm]	Depth of the drilling hole [h1] [mm]	Wrench Size [Sw]	Installation Torque [Tinst] [Nm]	Depth of the drilling hole [hef] [mm]	Characteristic spacing - Scr,N [mm]	Minimum spacing - Smin [mm]	Characteristic edge distance - Ccr,N [mm]	Minimum edge distance - Cmin [mm]
Poly GP + LMAS M8	16	16x130	9	135	13	4	130	500	100	250	100
Poly GP + LMAS M10	16	16x130	12	135	15	6	130	500	100	250	100
Poly GP + LMAS M12	16	16x130	14	135	18	6	130	500	100	250	100