

SPIT MULTI-MAX

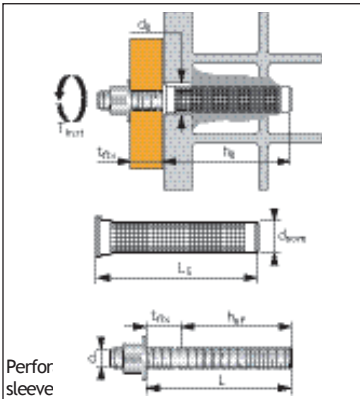


ETAG 029
ETA n° 13/0437

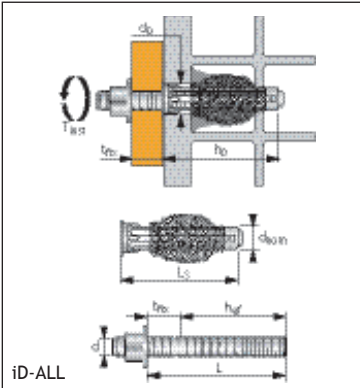
Methacrylate resin for fixing in hollow masonry

Technical data

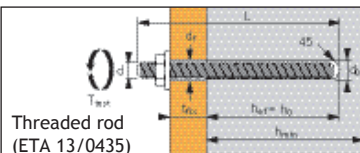
Type	Max. anchor depth (mm)	Max. thick of base material (mm)	Drilling depth (mm)	Ø thread (mm)	Ø Drill bit (mm)	Ø Clearance (mm)	Total rod length (mm)	Max. tighten (Nm)	Code
	h_{ef}	d_o	h_o	d	L	d_{nom}	L_s	T_{inst}	
iD-ALL + rod M8	65	16	70	8	$76 + t_{fix}$	16	70	3 ⁽¹⁾	-
iD-ALL + rod M10	65	16	70	10	$78 + t_{fix}$	16	70	3 ⁽¹⁾	-
Sleeve Ø20 + rod M12	85	20	90	12	$98 + t_{fix}$	20	85	3 ⁽¹⁾	061490
Sleeve Ø15 + rod M8	130	15	135	8	$138 + t_{fix}$	15	130	3 ⁽¹⁾	557080
Sleeve Ø15 + rod M10	130	15	135	10	$140 + t_{fix}$	15	130	3 ⁽¹⁾	557080
MULTI-MAX: Dual component cartridge methacrylate resin						- vol. 280 ml			060040
						- vol. 410 ml			060047



Perfor sleeve



iD-ALL



Threaded rod (ETA 13/0435)

⁽¹⁾ 2 Nm in Clay masonry OPTIBRIC PV 3+ and in hollow concrete block.

Working time and curing time

Ambient temperature (°C)	Working time	Curing time
30°C > T ≥ 40°C	2 min	35 min
20°C > T ≥ 30°C	4 min	45 min
10°C > T ≥ 20°C	6 min	60 min
5°C > T ≥ 10°C	12 min	90 min
0°C > T ≥ 5°C	18 min	180 min
-5°C > T ≥ 0°C	-	360 min

Recommended loads in masonry with stud sleeve and iD-ALL (kN)

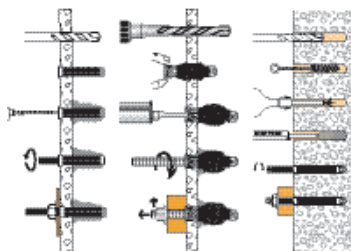
$$N_{Rec} = \frac{N_{Rk}}{\gamma_M \gamma_F}$$

$$V_{Rec} = \frac{V_{Rk}}{\gamma_M \gamma_F}$$

APPLICATION

- Signs
- Scaffolding
- Electrical switchboards
- Radiators
- Air conditioning ducts
- Rail guard returns
- Blinds
- Climbing walls
- Metal scale
- Hand rails
- Pole and ducts
- Demountable partitions
- Kitchen furniture
- Decorations...

INSTALLATION



Hollow material with sleeve Hollow material with iD-ALL Solid material

Type		Concrete hollow block B40		Clay masonry OPTIBRIC PV 3+		Clay masonry POROTHE RM GF R20 Th+		Clay masonry POROTHE RM R37 12-1,6-8 DF		Calcium silicate masonry KSL-R (P) 240	
		$f_b \geq 6.0$ N/mm ²	$f_b \geq 9.0$ N/mm ²	$f_b \geq 10.0$ N/mm ²	$f_b \geq 8.0$ N/mm ²	$f_b \geq 12.0$ N/mm ²	N_{rec}	V_{rec}	N_{rec}	V_{rec}	
iD-ALL	M8	0.57	0.71	0.43	0.43	0.25	1.14	0.34	0.25	0.43	2.57
	M10										3.14
SLEEVE Ø20X85	M12	0.43	0.57	0.71	1.00	0.71	0.86	0.25	1.14	1.00	2.85
SLEEVE Ø15X130	M8	0.43	0.86	0.43	0.34	0.34	1.00	0.57	0.43	0.86	2.57
	M10										3.43

$\gamma_F = 1,4$; $\gamma_M = 2,5$