

Mungo Chemical Injection System Chart

Swiss Engineering



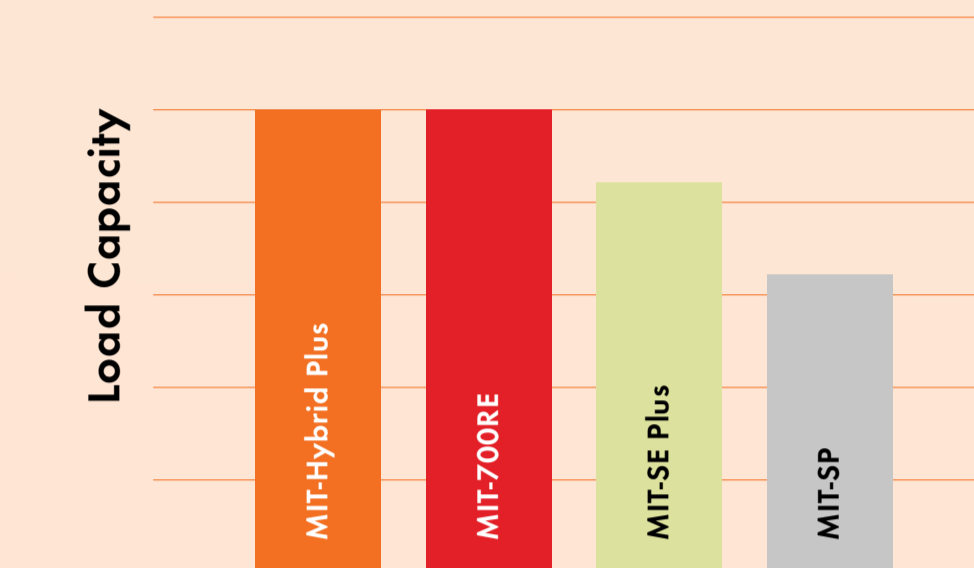
	MIT-HYBRID PLUS MUCMTHYP1710097			MIT-700RE MUCMT7001710161			MIT-SE PLUS MUCMTSEP1710017 MUCMTSEP1710026			MIT-SP MUCMTSP01710050 MUCMTSP01710052		
	400 mL			585 mL			300 mL 400 mL			300 mL 400 mL		
Highlight	HIGHEST PERFORMANCE IN CONCRETE			100 YEARS WORKING LIFE			FOR CONCRETE AND MASONRY APPLICATION			FOR MEDIUM DUTY APPLICATION		
Description	Vinylester Urethane			Pure Epoxy			Vinylester			Polyester		
Features												
Curing	Fast Curing			Slow Curing			Fast Curing			Fast Curing		
Temperature												
MAX. working time	25mins	3mins	2mins	1.5h	30mins	8mins	45mins	6mins	1.5mins	45mins	6mins	2mins
MIN. curing time DRY HOLES	3.5h	30mins	30mins	144h	12h	4h	7h	45mins	15mins	3h	45mins	20mins
MIN. curing time WET HOLES	7h	1h	1h	288h	24h	8h	14h	1.5h	30mins	3h*	45mins*	20mins*
Design Tensile Load N_{Rd} (kN)												

*No difference in curing times between wet and dry holes.

	BUILDING MATERIAL			
Non-cracked Concrete				
Cracked Concrete				
Natural Stone / Rock				
Brick				
Perforated Brick				
Lightweight Concrete				
Calcium Silicate				

✓ Suitable

PERFORMANCE COMPARISON



Note: This graph serves as a general guide. For some sizes and steel grades of anchor, the above capacity comparison may have slight variations

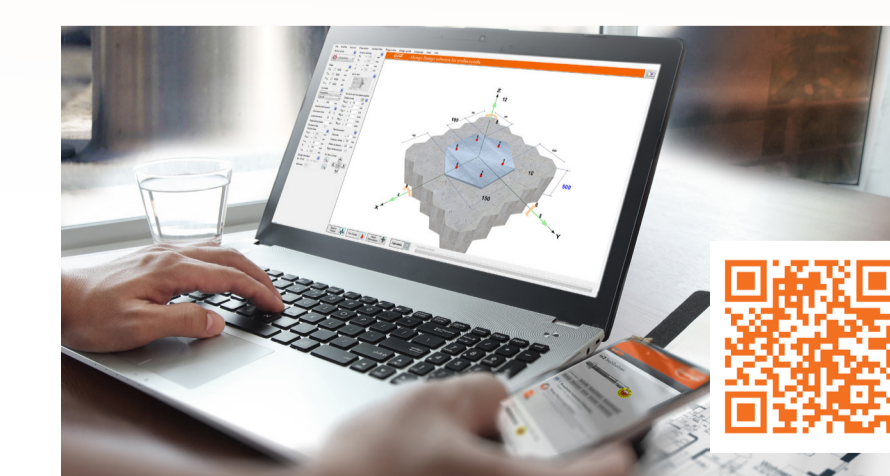
ULTIMATE LOAD CAPACITY (kN)

Class 5.8 Threaded Stud Anchor

Size and Embedment	MIT-Hybrid Plus	MIT-700RE	MIT-SE Plus	MIT-SP
M30 300mm	185.0	185.0	146.0	-
M27 250mm	153.0	153.0	122.0	90.0
M24 210mm	117.0	117.0	100.0	76.0
M20 170mm	81.0	81.0	73.3	51.0
M16 125mm	51.9	51.9	43.4	30.0
M12 110mm	27.8	27.8	27.8	19.7

Note: The above information has been derived from relevant independent European Approvals. Calculations has been determined in accordance with ASS216 following ETAG 01 and TR029 guidelines. All loads are representative of a single anchor installed in a dry hammer drilled hole, remote from an edge in 32MPa non-cracked concrete with a maximum short term temperature of 40°C.

Mungo Design Software



Use the Mungo Anchor Design Software for fast and reliable calculations of your application.

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