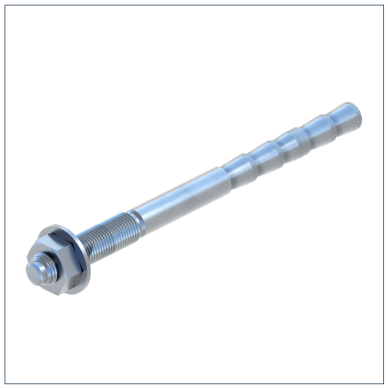
Resin Anchor Rod VMZ-A









General Information

Anchor Rod for push-through and put-before mounting in concrete tensile zones in M&E services and plant construction (for anchoring heavy loads). Suitable for attaching pipelines, channels, brackets, etc. in closed rooms - except for damp locations. No special drill required. Small edge and centre distance. Approved for use under seismic action according to the performance category C1 and C2 (M10 - M16)

Installation

1. Drill hole according to min. setting depth vertically to the surface.
2. Careful cleaning of drill hole with Steel brush and Blow-Out Pump.
3. Screw Mixing Nozzle onto the cartridge; foreshots to be removed and fill 2/3 of drill hole with resin starting from botton of the hole.
4. Drive the anchor manually into plastered borehole up to its embedment mark.
5. When reaching the embedment mark, plaster must be apparent.
6. Respect hardening time, when tighten the anchor with instructed torque.

Detailed assembly instruction is attached to the product.

Material Properties

Halogen-free	0
UV-resistant	0

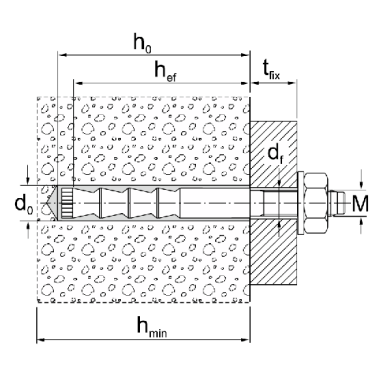
Material

Primary element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

Fire resistance

Type	Fire Resistance 30 min	Fire Resistance 60 min	Fire Resistance 90 min	Fire Resistance 120 min
VMZ-A 50 M8-15/80	1.69 kN	0.07 kN		
VMZ-A 50 M8-30/95	1.69 kN	0.07 kN		
VMZ-A 60 M10-10/85	3.38 kN	0.83 kN		
VMZ-A 60 M10-30/105	3.38 kN	0.83 kN		
VMZ-A 60 M10-60/135	3.38 kN	0.83 kN		
VMZ-A 80 M12-10/110	5.8 kN	3.11 kN	1.14 kN	
VMZ-A 80 M12-25/125	5.8 kN	3.11 kN	1.14 kN	
VMZ-A 80 M12-50/150	5.8 kN	3.11 kN	1.14 kN	

Resin Anchor Rod VMZ-A



Type	Fire Resistance 30 min	Fire Resistance 60 min	Fire Resistance 90 min	Fire Resistance 120 min
VMZ-A 125 16-30/180	7.62 kN	5.81 kN	4.01 kN	3.11 kN
VMZ-A 125 16-60/210	7.62 kN	5.81 kN	4.01 kN	3.11 kN

Types

Type	L	Weight	Quantity	Part number
VMZ-A 50 M8-15/80	80.00 mm	0.039 kg/pcs.	10 pcs.	190712
VMZ-A 50 M8-30/95	95.00 mm	0.046 kg/pcs.	10 pcs.	190721
VMZ-A 60 M10-10/85	85.00 mm	0.064 kg/pcs.	10 pcs.	190739
VMZ-A 60 M10-30/105	105.00 mm	0.066 kg/pcs.	10 pcs.	190748
VMZ-A 60 M10-60/135	135.00 mm	0.092 kg/pcs.	10 pcs.	190757
VMZ-A 80 M12-10/110	110.00 mm	0.117 kg/pcs.	10 pcs.	190766
VMZ-A 80 M12-25/125	125.00 mm	0.132 kg/pcs.	10 pcs.	190775
VMZ-A 80 M12-50/150	150.00 mm	0.154 kg/pcs.	10 pcs.	190784
VMZ-A 125 16-30/180	180.00 mm	0.298 kg/pcs.	10 pcs.	190793
VMZ-A 125 16-60/210	210.00 mm	0.380 kg/pcs.	10 pcs.	190802

Certification

Europäische Technische Zulassung - Option 1 für gerissenen Beton
ETA-10/0260

SEISMIC
M10 - M16

Sikla Approval ETA-10/0260

Documents

Installation Guideline - siMetrix

Resin Anchor Rod VMZ-A - Technical Data