

WIT-PM 200

25.2

WIT-PM 200 Injection Mortar (temperature of anchoring base $\geq -5^{\circ}\text{C}$):
Masonry of perforated and solid brick, uncracked concrete



Designation	Contents [ml]	Scope of delivery	ETA approval	Art. No.	P. Qty.
1 WIT-PM 200	330	Mortar cartridge of 330 ml (coaxial) & 1 static mixer	ETA-12/0569 ETA-13/0037	5918 240 330	1 12
2 WIT-PM 200	150	Mortar cartridge of 150 ml & 1 static mixer + 1 press-out piston (for processing with a silicone application gun)		5918 241 150	1 12
3 WIT-PM 200	300	Mortar cartridge of 300 ml & 1 static mixer (for processing with a silicone application gun)		5918 242 300	1 12

WIT-PM 200 accessory parts:

Designation	Art. No.	P. Qty.
Application Gun	0891 003	1
HandyMax Application Gun	0891 007	1
Static Mixer	0903 420 001	10
Static Mixer Extension, 10 x 200 mm	0903 420 004	10

Masonry: Performance Data and Characteristic Installation Values

Anchor diameter		M8		M10			M12		M16		
SH Plastic Sieve Sleeve		Without SH	12 x 80	Without SH	16 x 85	16 x 130	Without SH	20 x 85	Without SH	20 x 85	
Solid brick	$\geq \text{CB 28}$	N_{perm} [kN]	0.86	1.0	0.86	1.0	1.43	0.71	-	1.29	-
		V_{perm} [kN]	0.86	1.0	0.86	1.0	1.43	0.71	-	1.29	-
Solid sand-lime brick	$\geq \text{SSLB 20}$	N_{perm} [kN]	1.71	1.43	1.71	1.43	1.43	2.0	-	1.71	-
		V_{perm} [kN]	1.14	1.43	1.0	1.14	1.43	1.43	-	1.43	-
Vertically perforated brick	$\geq \text{VPB 12}$	N_{perm} [kN]	-	0.43	-	0.57	0.86	-	1.0	-	1.0
		V_{perm} [kN]	-	0.43	-	0.57	0.71	-	1.0	-	1.0
Perforated sand-lime brick	$\geq \text{PSLB 12}$	N_{perm} [kN]	-	1.0	-	0.86	1.29	-	0.86	-	0.86
		V_{perm} [kN]	-	0.71	-	0.71	0.71	-	0.71	-	0.71
Nom. drill dia.	d_0 [mm]	10	12	12	16	16	14	20	18	20	
Drilled hole depth	$h_0 \geq$ [mm]	80	85	90	90	135	100	90	100	90	
Installation depth of sieve sleeve	$h_{\text{nom}} =$ [mm]	-	80	-	85	130	-	85	-	85	
Effective anchoring depth	$h_{\text{ef}} =$ [mm]	80	80	90	85	130	100	85	100	85	
Through-hole in the component being connected	$d_f \leq$ [mm]	9	9	12	12	12	14	14	18	18	
Torque while installing anchor	$T_{\text{inst}} \leq$ [mm]	2									

Uncracked concrete: Performance Data and Characteristic Installation Values

Anchor diameter		M8	M10	M12	M16	M20	M24
Permissible central tensile load at $24^{\circ}\text{C}/40^{\circ}\text{C}$ (single anchor, uncracked concrete)		N_{perm} [kN] $24^{\circ}\text{C}^{1)}/40^{\circ}\text{C}^{2)}$	6.4	13.9	13.9	19.8	37.7
Permissible transverse load (single anchor, uncracked concrete)	Galvanized steel, 5.8	V_{perm} [kN] $24^{\circ}\text{C}^{1)}/40^{\circ}\text{C}^{2)}$	5.1	8.6	12.0	22.3	50.3
	Stainless steel A4-70	V_{perm} [kN] $24^{\circ}\text{C}^{1)}/40^{\circ}\text{C}^{2)}$	5.9	9.2	13.7	25.2	56.8
Nom. drill dia.	d_0 [mm]	10	12	14	18	24	28
Drilled hole depth/Anchoring depth	h_0/h_{ef} [mm]	80	90	110	125	170	210
Minimum edge spacing	c_{min} [mm]	40	50	60	80	100	120
Minimum axial spacing	s_{min} [mm]	40	50	60	80	100	120
Minimum component thickness	h_{min} [mm]	110	120	140	160	215	260
Through-hole in the component being connected	$d_f \leq$ [mm]	9	12	14	18	22	26
Torque while installing anchor	$T_{\text{inst}} \leq$ [mm]	10	20	40	60	120	150

¹⁾ Maximum long-term temperature
²⁾ Maximum short-term temperature