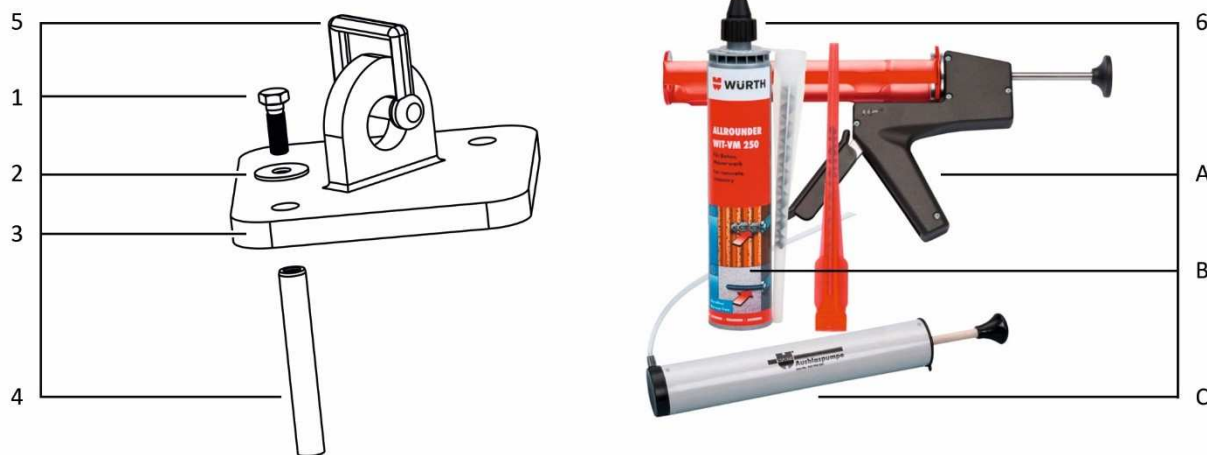


**Installation Instructions for special floor anchor with floor plate
M16 x170 mm**



Number	Name	Article number	Quantity
1	Hexagon screw DIN 933 M16x50 mm 10.9 -galvanised	4875173	1
2	Washer galvanised M16 DIN125A	3081019	1
3	Anchor plate 110x110x10mm	4510108	1
4	Internally threaded sleeve HIS-N M16x170mm	3090322	1
5	D-shackle 3/8 -galvanised	3104105	1
6	„Würth“ grout Wit-Vm 250 set	A: 0903450201 B: 089100 C:0903990001	Not in scope of supply

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In den Weiden 13

73776 Altbach

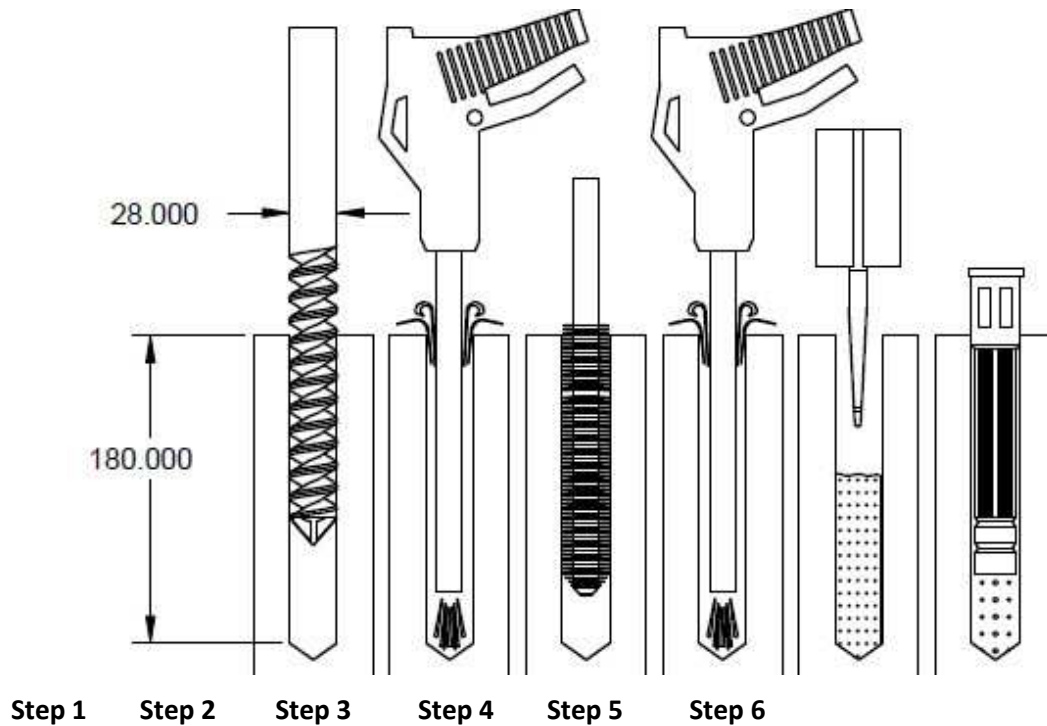
Telefon +49 (0)7153/50 32 800

Telefax +49 (0)7153/50 32 811

www.spieth-gymnastics.com

info@spieth-gymnastics.com

Installation Instructions for the Injection System Wit-Vm 250 for anchorage:



1. Drill the anchor hole (drill method: Hammer drilling). Observe the required drill bit diameter and drill hole depth. Warning: Standing water in the drill hole must be removed before cleaning.
2. Uncracked concrete M20 to M30 or embedment depth from hef > 240 mm: 4x air burst, using compressed air at 6 bar, 4x mechanical brushing, 4x air burst, using compressed air at 6 bar. If the bore hole ground is not reached an extension shall be used. For anchor size M8 use a reduce-attachment for the blow pump.
3. Mortar cartridge: Screw off the cap. Screw on the static mixer. Never use the static mixer, without the mixing helix! Place the cartridge (with the attached static mixer) in the Würth injection gun. For every work stoppage longer than the recommended working time (table) as well as for new cartridges, a new static-mixer shall be used.

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4. Starting from the bottom , fill the drilled hole about 2/3 full with mortar. Slowly withdraw the static mixing nozzle as the hole fills to avoid creating air pockets. For embedment deeper than 190 mm an extension nozzle shall be used. Up M20 for overhead and horizontal installation a piston plug and extension nozzle shall be used.
5. Push the threaded rod into the anchor hole while turning slightly to ensure positive distribution of the adhesive until the embedment depth is reached. The anchor should be free of dirt, grease, oil or other foreign material.
6. Be sure that the anchor is fully seated at the bottom of the hole and that excess mortar is visible at the top of the hole. If these requirements are not maintained, the application has to be renewed. For overhead application the anchor rod should be fixed.
7. Allow the adhesive to cure to the specified time prior to applying any load or torque. Do not move or load the anchor until it is fully cured (table).
8. After full curing, the add-on part can be installed with the max. torque by using a calibrated torque wrench.

Gelling-/ working time and minimum curing time

Temperature [°C] in anchorage material	Gelling-/ Working time	Minimum curing time for:	Dry anchorage material	Wet anchorage material	Autoclaved aerated concrete AAC
-10°C to -6°C (1)	90 min		24 h	48 h	-
-5°C to -1°C (2)	90 min		14 h	28 h	-
0°C to +4°C (2)	45 min		7 h	14 h	-
+5°C to +9°C (2)	25 min		2 h	4 h	2 h
+10°C to +19°C (2)	15 min		80 min	160 min	80 min
+20°C to 29°C (2)	6 min		45 min	90 min	45 min
+30°C to +34°C (2)	4 min		25 min	50 min	25 min
+35°C to 39°C (2)	2 min		20 min	40 min	20 min
> +40°C (3)	1.5 min		15 min	30 min	15 min

(1) Cartridge temperature: $\geq +15^{\circ}\text{C}$

(2) Cartridge temperature: $+5^{\circ}\text{C} - 25^{\circ}\text{C}$

(3) Cartridge temperature: $< +^{\circ}\text{C} 20^{\circ}\text{C}$

(4) Does not apply to ACC, AAC $\geq +5^{\circ}\text{C}$ Storage temperature: $+5^{\circ}\text{C} - +25^{\circ}\text{C}$, store in a cool, dry place

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