

Injection System VMU plus



Threaded Stud V-A



Threaded Stud VMU-A



Threaded Stud VM-A
1 meter length, to be cut to the required length



Internally Threaded Sleeve VMU-IG



Perfo Sleeve VM-SH



NEW



Cartridge VMU plus 165
Foil tube cartridge suitable for silicone guns
Content: 165ml



Cartridge VMU plus 280
Coaxial cartridge suitable for silicone guns
Content: 280ml, including 2 mixers, attached to the cartridge



Cartridge VMU plus 300
Foil tube cartridge suitable for silicone guns
Content: 300 ml



Cartridge VMU plus 345
Side-by-side cartridge
Content: 345ml

Range of loading: 0,17 kN–217,0 kN
Concrete quality: C20/25–C50/60
Brickwork: Solid and perforated brick
Material: Steel, zinc plated, Steel, hot dip galvanized, Stainless steel A4, Stainless steel HCR

Description

The injection system VMU plus is a universal injection system for almost all applications and materials. Besides the use in uncracked concrete and masonry, VMU plus is also approved for fixings in cracked concrete and for post installed rebar connections¹⁾. The European Technical Assessment ETA-13/0909 includes 6 sizes of perforated sleeves up to 200 mm length and is approved in 15 different types of bricks. To complete the fastening, various anchor rods or internal sleeves can be used from the existing MKT-range (VMU-A, VMU-IG, VM-A and V-A), as well as standard threaded rods or reinforcing bars. In perforated brick, a perfo sleeve is required. The choice between VMU plus and VMU plus Polar injection adhesives allows processing temperatures from -20°C to +40°C for the base material and cartridges.

Advantages

- Approved in cracked and uncracked concrete
- Approved for autoclaved aerated concrete, solid and perforated brickwork
- Approved for post-installed rebar connections (Ø8-Ø32)¹⁾
- Approved for threaded studs V-A, VMU-A, standard threaded studs with strength verification (strength test certificate 3.1), internally threaded sleeves VMU-IG as well as perfo sleeves VM-SH
- Approved for use under seismic action according to the performance category C1
- Only one adhesive for almost all applications, more flexibility, less inventory, greater application safety
- Variable anchorage depths for optimum adaptation to the respective installation situation for maximum economy
- Approved application in wet concrete
- Approved application in wet or water-filled drill holes (Threaded Stud M8–M16, Internally Threaded Sleeve IG M6–IG M10, Rebar Ø8–Ø16)
- Fire test report for all diameters
- ICC Evaluation Service listing, USA (ESR-4004)
- Base material temperature during application for VMU plus from -10°C to +40°C, for VMU plus Polar from -20°C to +10°C
- Opened cartridges can be re-used with a new mixer nozzle
- Styrene-free vinyl ester resin

¹⁾only with Coaxial- and Side-by-side VMU plus cartridge

