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GEBERIT

GEBERIT MEPLA

FOR FLEXIBILITY AND **HIGH PERFORMANCE**

KNOW HOW INSTALLED

FOR FLEXIBILITY AND HIGH PERFORMANCE

10 GOOD REASONS TO USE THE VERSATILE GEBERIT MEPLA PRESSING SYSTEM.

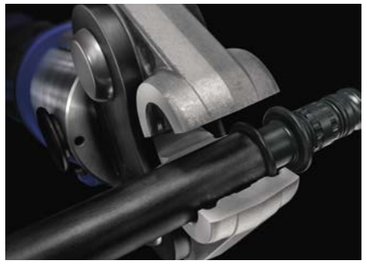
The universally applicable Geberit Mepla pressing system comprises the system pipe, press fitting and pressing tool. The system is available in diameters 16mm to 75mm. An extensive range of fittings for all requirements as well as intelligent solutions for connecting the supply system to other installation elements round off the Mepla range of products. That's what we mean by "Know-How Installed".

STABILITY

Using high-quality plastic, cross-linked polyethylene, in conjunction with aluminium combines the benefits of plastic with those of metallic piping systems. The thick aluminium layer in Mepla composite pipes ensures a high level of stability and extraordinary mechanical strength.

BENDING CAPABILITY

When installing Mepla pipes, the necessary flexibility is always ensured. 16mm and 20mm pipes can easily be bent by hand. They are flexible and can be routed easily. Bending tools can be used for larger dimensions of up to 50mm, and fewer fittings are required as a result.



PRESSING JAW GUIDE

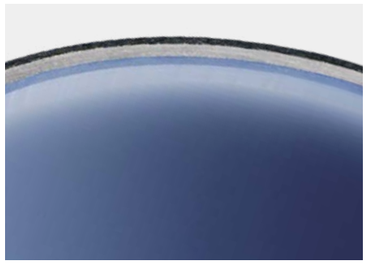
The defined jaw guide on the fitting ensures that the pressing jaw is positioned exactly right during pressing. It also prevents any risk of the joint slipping or being pressed in the wrong place. This means it is not possible to press the connection incorrectly, and a secure, long-lasting connection is therefore guaranteed.

FITTING RETAINING FORCE

Special plastic cams on the plastic fitting and a retaining ring on the metal fittings achieve a high level of fitting retaining force in the pipe and prevent the fitting from slipping out of the pipe during assembly. As a result, the piping system can easily be installed, aligned and subsequently pressed by just one person.

PIPE INSERTION DEPTH

The pipe insertion depth remains visible at all times. This ensures that the pipe is correctly pushed onto the fitting during installation and can then be correctly pressed. As a result, the piping system can be preassembled. When the system is ready to be pressed, each connection can be checked directly to ensure that each pipe is in the correct position.



WELD SEAM QUALITY

The weld seam is crucial for the quality of the pipe. The homogeneous longitudinally welded aluminium layer in Mepla pipes, with its smoothly formed weld seam, guarantees the highest possible degree of safety and quality As a result, the aluminium layer does not overlap. The pipe bends equally well in all directions.

LEAKS IF UNPRESSED

Unpressed Mepla fittings leak unmistakably when subjected to water pressure tests. Water flows out of the unpressed connections. This occurs even at low testing pressures and during leak tests up to 15 bar. The pressure test cannot be completed successfully until all the connections have been pressed.

LINEAR EXPANSION

The special composition of Mepla pipes with the thick aluminium layer prevents linear expansion of the pipe in response to temperature fluctuations. This means fewer fastening points are required during installation than with conventional plastic pipes.

TENSILE STRENGTH

The tremendous tensile strength of the Mepla compression joint ensures a reliable, long-lasting connection. The quality of the press connection is constantly checked and exceeds the values demanded in the standards many times over. This guarantees a high standard of reliability, even in piping systems subjected to high loads.

SURFACE CONDITION

The inner plastic layer of Mepla pipes has a surface roughness of only 7µm. This means there is little friction to impede the flow of water along the surface, permitting higher flow rates. It is more difficult for limescale and biofilm to adhere to the smooth surface.