



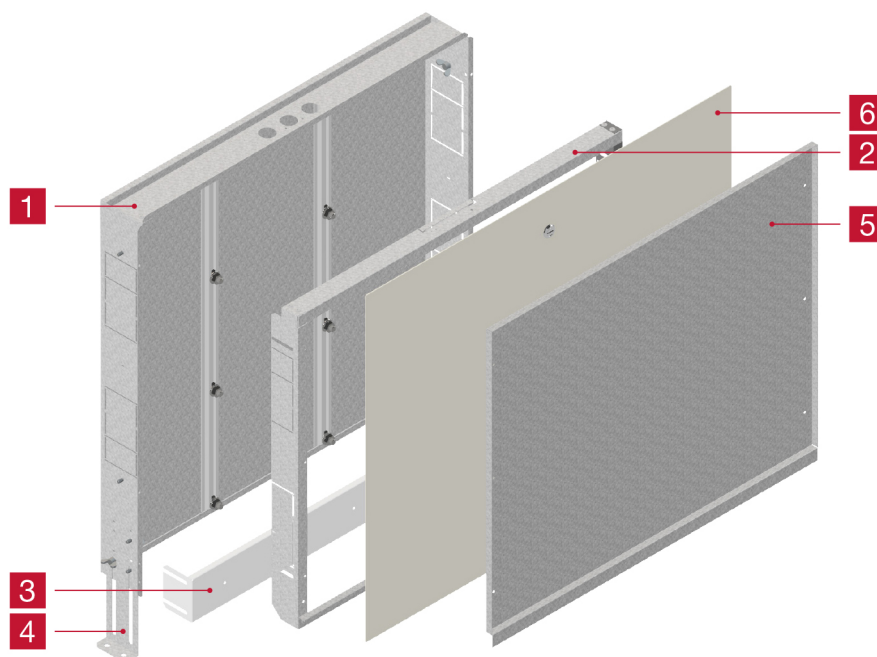
METAL BOXES FOR MANIFOLDS

498 Metal box for manifolds

INSTRUCTIONS



The 498 metal box for manifolds is the new practical, price-wise, and rational solution for civil engineering that grants protection of water and technical fluid distribution systems for modern radiant heating and cooling systems, water supply systems and heat metering systems.



1. Box
2. Telescopic frame
3. Front base
4. Foot
5. Metal plaster cover
6. Front pane

1) Our technical staff designed the whole structure entirely in galvanized steel compliant to EN 10346 type DX51+Z140 MACE. It is mechanically assembled, without welds, in order to guarantee robustness without compromising the zinc coating and corrosion protection.

2 - 3) The main box is provided with a telescopic frame extending depth of the available space up to 50 mm over the depth dimension indicated in the datasheet (mm 80).

The back of the box has a large Polypropylene anti-shrinkage net to ensure plaster adhesion.

4) The Adjustable feet let the box height to be raised up to 100 mm above height dimension indicated in the datasheet (mm 600).

5) The sheet metal plaster cover fits on the extended telescopic frame.

It saves the box and its content from construction yard debris, dust and accidental damage, the 10 mm flanges neatly cut the plaster surface leaving a clean window perfectly fitting for the front panel.

6) After removing the plaster cover adjustable frame can receive the overlap front panel. It's made from a single galvanized sheet metal part sporting a reinforced frame structure and a wide flange overlapping the wall.

The galvanized sheet metal is laminated with a special white RAL 9010 PVC film 100 micron thick which is protected from scratches, dirt and dust by a further removable coating made of a transparent 80 micron film to be peeled off at the very end of



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the installation process ensuring a rapid and professional outcome.

The PVC coating is atoxic (food contact grade), in comparison to traditional painting processes (liquid or powder coating), it grants a higher and stable quality standard, better technical properties as to scratch resistance and durability, a much more sustainable environmental and energy impact.

The product range covers a wide spectrum of technical needs.