Maximum fire protection. Minimal effort. Safe, simple, fast.

Arnsberg, March 2025

Press release

If a fire breaks out, flames, smoke and heat can spread very quickly via the wastewater pipes and set fire to other floors of a building. That’s why there are specific requirements relating to fire protection in public buildings and residential complexes. The solution for the best possible fire protection in the drainage area is provided by the new Dallmer fire protection elements for vertical drain bodies. They meet all the necessary requirements and fire resistance classes.

One major advantage is that they come ready to install, which means that additional materials like mortar and sealing tape are not needed. Instead, they come equipped with a practical clamping device: it activates the clamp securely and firmly anchors within the core bore. This makes installation safer, simpler and faster than ever. Plus points of the new fire protection elements are their small core boring holes with diameters of 120 + 4 and 170 + 4 mm. This reduces costs and offers advantages in terms of building statics.

Another plus: the fire protection elements in our DallDrain and DallFlex drainage systems are pipe-independent. That means non-combustible wastewater pipes such as those made of cast iron can be connected in the same way as pipes made of combustible materials such as plastic.

Stops the spread of toxic fumes and flames

A lip seal is permanently attached to the fire protection element at the factory, which reliably prevents toxic smoke gases from spreading upwards. In the event of fire, the integrated swelling material insert closes the ceiling penetration, drainage pipes and plastic floor drains quickly, safely and reliably when exposed to heat. Neither flames nor smoke and heat can spread. The floors above are sealed off against the spread of fire.

The product range is clear and easy to understand as the selection of the new Dallmer fire protection elements is based on the nominal diameter of the floor drains. This makes it easier to select fire protection elements.

Further information:

dallmer.com