

MERFOLOOD

Merflood is especially suitable for reducing the high-frequency sound emanations from conduits and piping. The material is very flexible, and thanks to the lead layer, it does not have the tendency to spring back and is therefore easy to apply to all kinds of conduits, piping and boilers.



Applications

Merflood was especially developed to reduce sound emanations from rainwater conduits and internal waste water piping. It is also extremely effective in isolating highfrequency sounds caused by all kinds of product transportation conduits. Besides having excellent sound-insulating qualities, Merflood also has thermal-insulating properties. Its 2 mm thick foam layer ensures that no condensation can form on the lead. A design with the layer of 2 mm PVC foam replaced by a layer of 0.3 mm profiled aluminium (Merflood Alu) is also available. Merflood-Alu is better suited for outdoor use and for situations where higher Fire-resistance demands made.

Sound insulation

The sound insulation is shown in the chart.

Fire-classification

Flame-resistant according to FMVSS 302.

Dimensions

Plate dimensions: 2000 x 1000 mm. Other sizes, thicknesses and combinations available on request. Each sheet is rolled and packed separately in a box

Weight

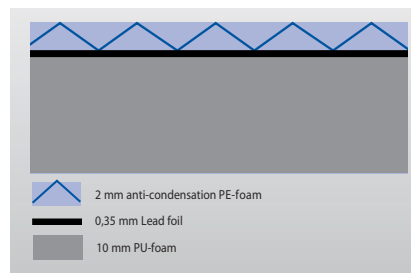
Weight: 4,6 kg/m³

Shape, appearance and colour

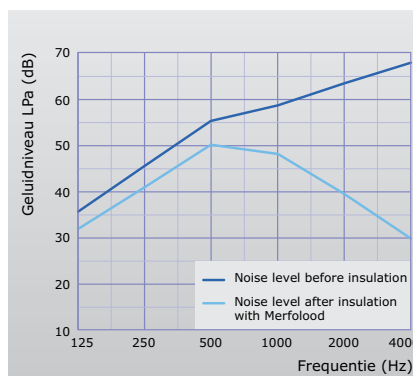
The outer layer is black, the color of the foam is gray.

Composition

Merflood is a sound-insulating plate made from a 0.35 mm layer of lead with a 10 mm thick cushioning layer on its underside. This provides acoustic separation of the substrate and the lead layer. On its upper side the lead is fitted with a 2 mm thick anti-condensation finish.



Composition



Sound insulation values

MERFOLOOD

Lead-based sound insulation plate

PROPERTIES

- Sound Insulating
- Thermal insulation
- Very flexible
- Durable

APPLICATIONS

- Rainwater drains
- Drainage Pipes
- pipelines



Fire classification
FMVSS 302



Sound insulation
See chart



Resistance

The plate is resistant to water, weathering and UV radiation.

Temperature Resistance

The plate withstands temperatures between -40 °C and +100 °C

Thermal insulation

$\lambda = \text{ca. } 0,0385\text{W/mK}$ (according to DIN 52612).

Installation

- Easy to cut to size and to shape with a knife or industrial shears.
- Secure to conduits by means of two-sided adhesive Merfofix tape (50 mm wide). First apply to the conduit on the place of the joint. Next tape the joints with 50 mm wide Isotape PVC tape. To prevent sound from leaking through, it is important that joints are precisely aligned. An overlap of at least 20 mm results in the best seal. Besides using double-adhesive Merfofix-tape, the Merfolood plates can also be glued to the substrate with AAC-contact glue.

Disclaimer

The recommendations and information listed in this product sheet are shown as complete and accurate as possible, but offer no guarantees. Check with one of our specialists or perform your own test.



Merfolood on roll



Merfolood on a pipe line