

HEAVY LAYER PRODUCT: THE ALTERNATIVE TO LEAD

Under the **APLOMB** brand, **TROCELLEN** has been commercialising for many years a multi-layer product, with one or more sheets of lead, laminated with flexible insulating materials.

Lead is not always readily accepted by installers and designers; which is why we have developed an alternative with a polyolefin heavy layer.

Advantages compared to lead

- Non-toxic.
- Combines easily with Trocellen, to obtain a completely recyclable product.
- Roll width > 1 m.
- Available everywhere

Disadvantages compared to lead

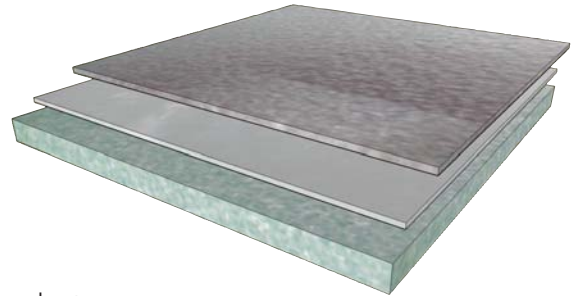
- For an equal weight in grams, greater thickness must be used: This causes a more rigid final product.
- More elastic; less malleable than lead.
- More voluminous.
- Fire retardant.

The ISOLMASS line

A multi-layered product range, with heavy sleeve, laminated with flexible, resilient, and sound absorbing materials.

■ Composition

- Layer of polyethylene foam (anti-vibration), thickness 3 mm.
- Heavy layer weighing 4 kg/m².
- Polyurethane open cell layer (sound absorption), thickness 12 mm.



- **Size:** sheets 1.2 x 3 m.

- **Packaging:** rolled in cardboard box (0.25 x 0.25 x 1.25 m).

■ Applications

Sound insulation of waste water piping in polyethylene or PVC. The product must be installed with the polyurethane in contact with the pipe. Wrap it around the pipe, taking care not to leave any exposed parts and secure it mechanically with straps or metal wire. Wrap it around the pipe, taking care not to leave any exposed parts and secure it mechanically with straps or metal wire

Sound insulation of walls – evaluation index, with a sample curve at 500 Hz, calculating the frequency range between 100 and 3,150 Hz (ISO 140-3, ISO 717-1): $R_w = 25$ dB.



Trocellen 3 mm

HL 4 kg/m²

PU 12 mm

