

Technical data sheets

Silent

SOUNDPROOFING
MAT

Technical characteristics SILENT mat

This polyurethane mat with inert fillers has been specifically designed for dry installation and must always be used with the KERLITE EASY system, on any new or existing support that is stable over time, dry and flat according to the indications of UNI 11493.

SILENT is a decoupling, sound-insulating mat made of permanent high-density viscoelastic thermal-conductive material. The body of the mat is made of inert materials and polymers of organic origin. The product is characterized by an anti-slip finish where, for the upper part of the mat, this is covered by silicon film and, for the lower part that rests on the existing support, by a protective veil that eliminates the anti-slip properties.

Free from plasticizers, asbestos, formaldehyde, halogens and heavy metals.

Thanks to its composition, SILENT maintains its anti-slip properties over time.

SILENT TECHNICAL DATA

Sheet dimensions	1.0 m x 10 m (10 m ²)
Thickness	1.5 mm
Total weight	1,500 g/m ²
Footfall sound insulation	ΔLw=17dB (in combination with Kerlite)
Reaction to fire	Bfl-s1
Thermal resistance	Tr = 0.01 m ² K/W

APPLICATION METHOD

All surfaces on which the mat is laid must be dry, clean, flat and stable over time.

SILENT is produced in sheets that are 1 m wide and 10 m long. Lay the mat starting from the corner of the space. Then cut to size. Proceed by laying the mat side by side, not overlapping it, until the surface to be paved is completely covered.

Remove the protective film as the Kerlite slabs are laid.

Once the Kerlite has been laid, cut off any excess matting.

STORAGE

SILENT does not require specific precautions, but must be stored away from atmospheric agents.

The individual rolls can be stored either vertically or horizontally and must not be stacked one on top of the other. When there are 40 rolls, these are packed into boxes and put on standard 80x120 pallets. No more than two boxes can be stacked on top of one another. Each box contains 40 rolls for a total of 400 sq m of matting and a total of 600 kg (plus the weight of the box and the pallet).

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

SILENT is not considered dangerous under current regulations.