

Tender Specifications



TENDER SPECIFICATIONS FOR KERLITE EASY

KERLITE EASY is a dry laying system for ceramic flooring with Kerlite slabs on a thermal-conductive and decoupling acoustic mat.

The KERLITE EASY system consists of the following 3 elements: KERLITE PLUS, the SILENT acoustic matting, the FILLER sealant. It is possible to use KERLITE EASY on any new or existing support that is stable, dry and flat according to UNI 11493. Supply and installation of the aforementioned ceramic flooring, complies with UNI EN 14411.

The KERLITE EASY system is designed for dry installation on substrate with a maximum grout line/discontinuity of 10 mm in width and 5 mm in depth and with a maximum flatness of 2 mm measured with a 2 m metal ruler.

With the KERLITE EASY system it is possible to use the 5plus and 6plus version of Kerlite in any version and size, with the exception of the 20x120 cm format.

Kerlite is laid without the use of adhesive on the special SILENT mat.

Thanks to the combined action of the SILENT mat and Kerlite, the KERLITE EASY system has a footfall sound insulation of $\Delta L_w=17$ dB.

The Easy system is the best solution for tiling over a radiant floor given that the system has a thermal resistance value of 0.0142 m²K/W (with the use of 5PLUS) and 0.0150 m²K/W (with the use of 6PLUS), far below the limit of 0.15 m²K/W as indicated in the UNI EN 1264 and UNI EN ISO 11855 regulations.

The KERLITE EASY system can only be laid with a continuous grout line, with the exception of the 30x240cm and 33x300cm size tiles, which can be laid with a 1/3 staggered offset grout line. The tiles must be laid with open joints measuring no less than 2 mm thick with FILLER FAST and no less than 1 mm thick with FILLER MATT. The grout lines must be sealed with FILLER FAST or FILLER MATT, which makes the flooring waterproof.

The use of KERLITE EASY DOES NOT require structural and expansion joints.

Meanwhile, perimeter joints, in correspondence with fixed elements in the bearing structure, must be placed along the perimeter of the tiling and must be approximately 5-8 mm wide. The following are included in the price: the supply and installation of Kerlite and SILENT; the sealing of the grout lines with FILLER; the subsequent surface cleaning with suitable detergents; the cutting, waste products, cleaning and removal of waste material at the end of the work, the waste sorting, the transport of waste material to an authorised landfill, the landfill expenses; any other costs necessary to deliver the finished work properly. (€/m²).