

The System Composition



1 **kerlite**
5plus
6plus



2 **Silent**
SOUNDPROOFING
MAT



3 **Filler**
FINISHING
SEALANT

The System Composition

1

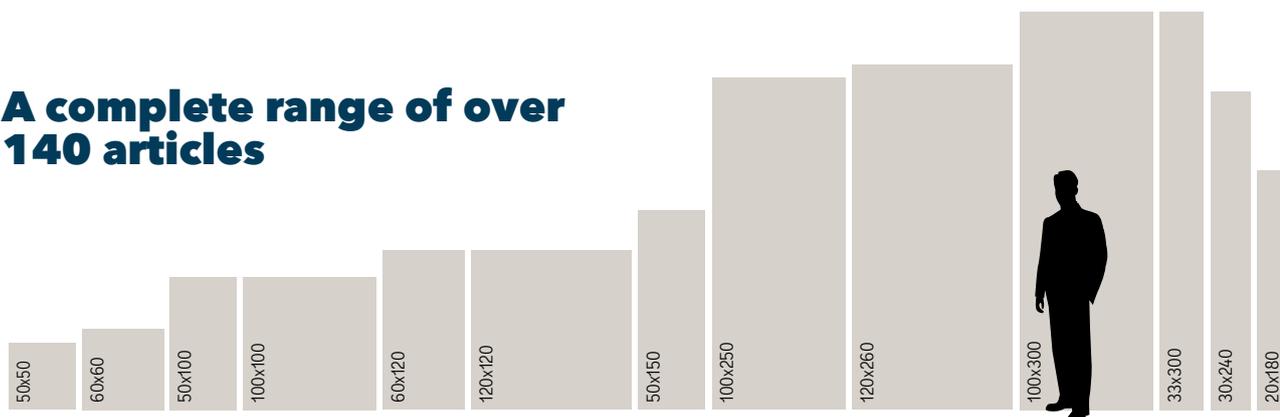


Laminated porcelain stoneware is characterized by the extraordinary dimensions of the slabs, which reach the sizes 100x300 cm and 120x260 cm, and by the reduced thickness, from 3.5 mm to 6.5 mm. The final product is light, resistant, versatile and easy to use.

Laminated porcelain stoneware is a truly universal ceramic surface which is the fruit of Panariagroup's unrelenting research activity into beauty and technical excellence. It is ideal for numerous applications in the world of architecture and design and it is suitable for covering not only floors and walls, but also furniture, accessories, kitchens and countertops, ventilated façades and walls, tunnels and large public works.

For further information see Kerlite Technical Manual.

A complete range of over 140 articles



Ultrathin and ultraresistant

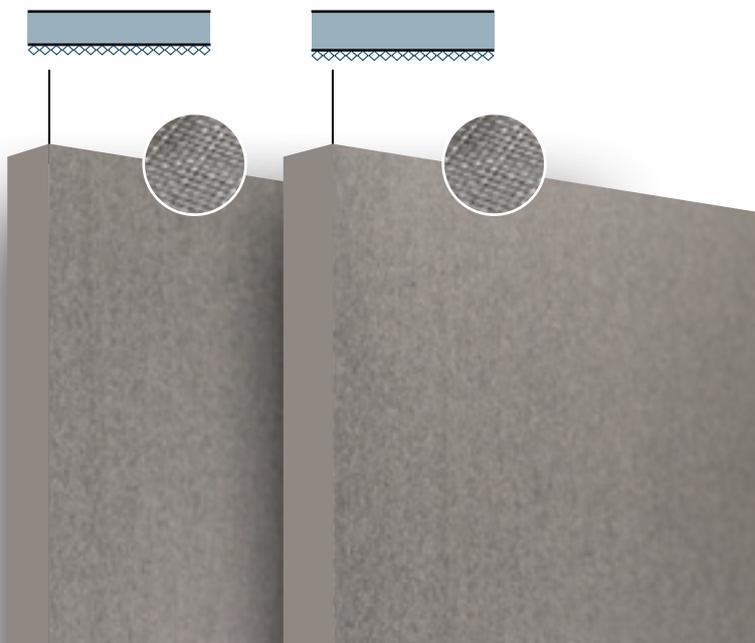
Reinforced with fibreglass mesh on the reverse side

5plus
5.5mm
sizes up to
100x300 cm

6plus
6.5mm
sizes up to
120x260 cm



Kerlite Easy can be used only with 5plus and 6plus slabs in all available sizes except the 20 x 120 cm size. Products with special finishes can have limitations depending on their area of application. Refer to specific collection catalogues.



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2

Silent

SOUNDPROOFING
MAT

SILENT is a plant based polyurethane decoupling mat with inert fillers. It has outstanding thermal conductive properties and, when used with Kerlite, does an excellent job of reducing footfall noise as well.

It is a product without “memory”: once laid it immediately moulds to the shape of the support onto which it has been installed and does not maintain the wavy shape created by having been packaged in rolls. This trait makes it possible to significantly reduce installation times.

SILENT ensures a substantial degree of surface grip, a characteristic that is fundamental to ensuring that Kerlite is laid properly. In fact, once a Kerlite slab has been laid, it adheres very well to the mat while still allowing for subsequent adjustments.

The superficial part of the mat is protected by a transparent plastic film. This has two benefits:

- 1) It preserves the characteristics of the mat over time;
- 2) It makes it possible to lay the mat and to take off the protective film a little at a time as one proceeds with installation, rather than to have to move around a mat that gets stuck to the soles of one’s shoes.



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Primary Benefits

ACOUSTIC BENEFITS

The Kerlite Easy system is soundproofed thanks to the combined action of the SILENT mat and Kerlite.

It transmits the sounds of footfall to the lower level approximately 16 times less than a normal adhered ceramic floor.

PRESERVES THE EXISTING FLOOR

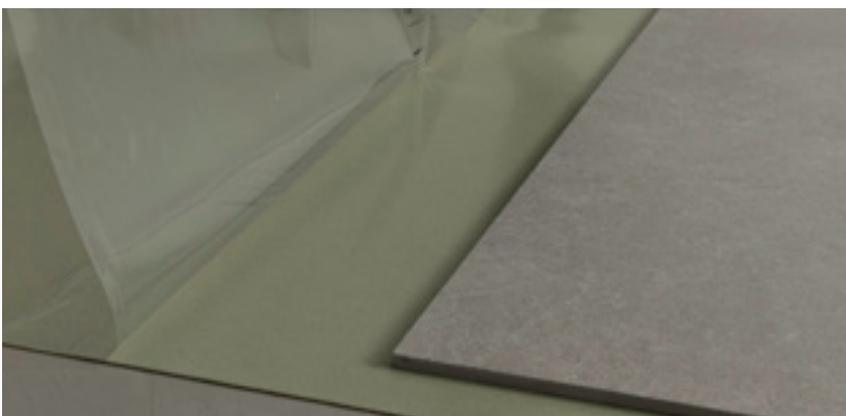
The use of the KERLITE EASY system makes it possible to install on top of the existing floor.

ALLOWS FOR INSTALLATION WITHOUT JOINTS

Thanks to the use of the SILENT mat, the Kerlite Easy system can be installed without expansion joints even on critical surfaces like: mixed subfloors, under-floor heating systems, old ceramic subfloors, floors at constant risk of cracking, wooden floors, etc.

INSTALLATION ON HEATED/COOLED FLOORS

Thanks to the combined characteristics of the SILENT mat and Kerlite, the Kerlite Easy system is perfect for installation on heated/cooled floors



CAUTION

Before positioning the slabs, the mat's transparent protective film must be removed.

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3

Filler

FINISHING
SEALANT

FILLER is a highly flexible and mould resistant pure acetic silicone sealant.

Mould resistant acetic silicone sealant, for movements of up to 25%.

TECHNICAL DATA:

Work movement: 25%.

Elastic modulus at 100% of elongation: 0.35 N/mm².

Shore A Hardness: 20.

Workability: 10'.

Colours: Extensive 34 colour selection

EMICODE: EC1 Plus – very low emissions.

Application: gun.

Consumption: see table on next page.

Package: box of 12 cartridges, 310 ml each.



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TECHNICAL CHARACTERISTICS

FILLER, a one-component silicone sealant with solvent-free acetic reticulation, comes as a thixotropic paste that is easy to apply horizontally and reticulates with atmospheric moisture at room temperature, creating an elastic product with the following properties:

- outstanding durability; the seal remains unaltered even after being exposed for many years to adverse weather conditions, industrial atmospheres, sudden changes in temperature, and immersion in water;
- high elasticity; mould resistant pure acetic silicone sealant, free of solvents;
- outstanding adhesion on glass, ceramic, and anodised aluminium;
- mould resistant;
- impermeable to water and permeable to water vapour;
- resistant to chemical agents;
- flexible all the way down to -40°C and resistant to temperatures of +180°C;
- easy to work with;
- compliant with regulation ISO 11600, classified as F-25-LM;
- compliant with numerous international regulations;
- compliant with EN 15651-1, EN 15651-2, and EN 15651-3 and bears the CE seal.

Formats in cm approximate square meters of flooring which can be laid with one cartridge of FILLER

50x50	approximately 2 sq m
60x60	approximately 3 sq m
50x100	approximately 3 sq m
100x100	approximately 4 sq m
60x120	approximately 4 sq m
120x120	approximately 5 sq m
50x150	approximately 3 sq m
100x250	approximately 6 sq m
120x260	approximately 7 sq m
100x300	approximately 6 sq m
33x300	approximately 3 sq m
30x240	approximately 3 sq m
30x240	approximately 2 sq m