

LEA

CERAMICHE

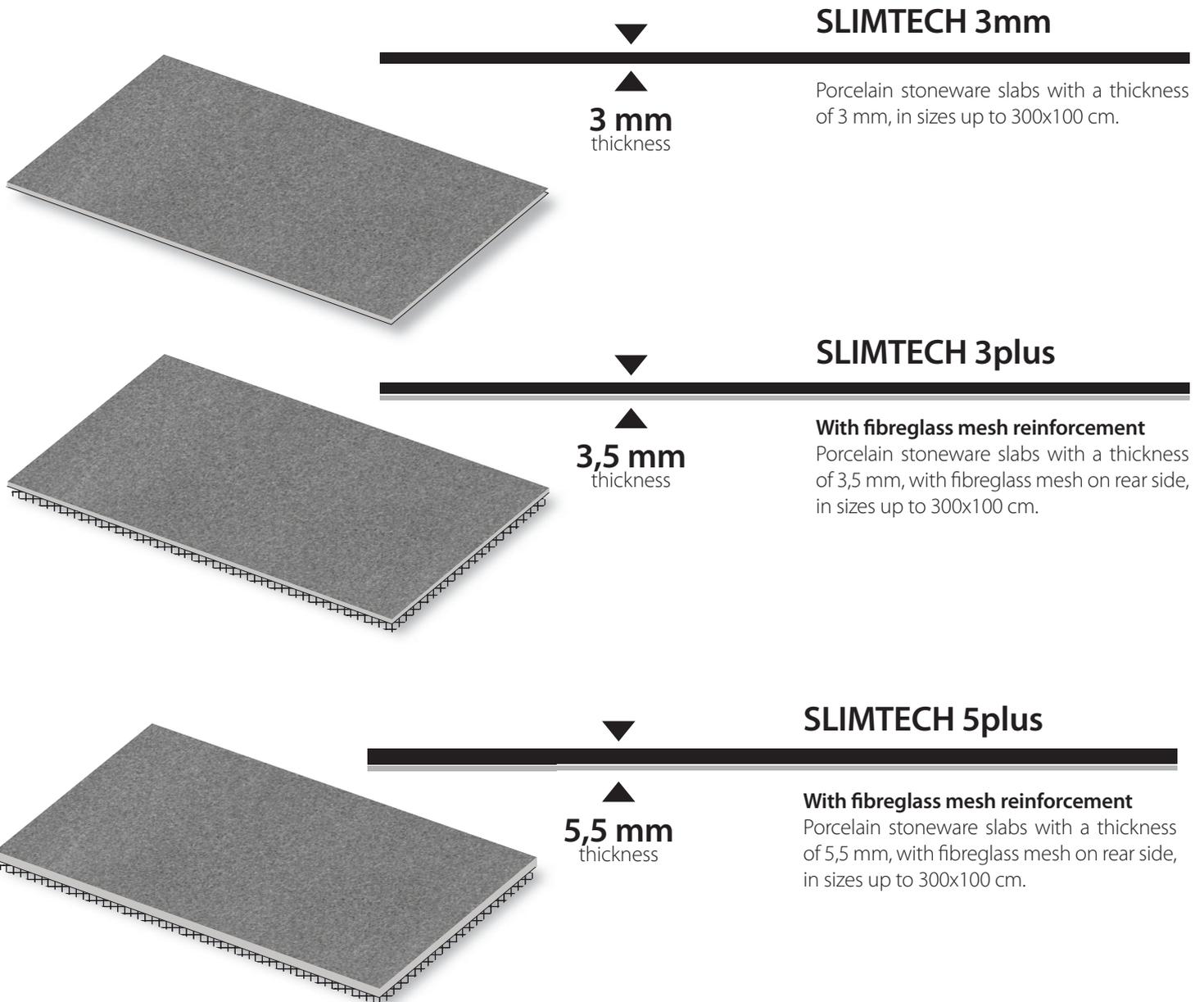
 SLIMTECH
3mm
3plus
5plus

Technical manual

1.1 - What is SLIMTECH?

Produced by means of extremely innovative technology, SLIMTECH is manufactured in 300x100 cm slabs, with a thickness of 3 mm, using a porcelain stoneware body composed of top quality raw materials. It is pressed at a force of 15,000 tons. Firing takes place in innovative and ecological kilns that are the result of the research and know-how of Panariagroup. Single slabs of SLIMTECH are only 3 mm or 5 mm thick. This makes them flexible, light and extremely easy to handle. The minimal thickness is the **striking feature**, which makes the product suitable for a variety of different applications.

1.2 - Available types: SLIMTECH 3mm, SLIMTECH 3plus and SLIMTECH 5plus



Working with SLIMTECH 3mm, SLIMTECH 3plus and SLIMTECH 5plus

3.1 - Handling

Owing to their lightness, all types of SLIMTECH are much easier to handle and transport than slabs of marble, granite and natural stone, which are much thicker and therefore much heavier. With an identical weight, the number of square metres transported is four times greater. The weight of a 100x100 cm slab is approximately 7,4 kg for the SLIMTECH 3mm, 7,8 kg for SLIMTECH 3plus and 11,5 kg for SLIMTECH 5plus. When handling, the use of gloves is recommended.

HANDLING WHOLE SLABS (300x100 cm) OF SLIMTECH 3MM, SLIMTECH 3PLUS AND SLIMTECH 5PLUS



Fig.1 - All types of 300x100 cm slabs of SLIMTECH can be lifted by one person only. Lift the slab with open hands. Slowly raise the longer side so as to eliminate the suction effect, due to contact with the underlying slab, and ensure a good grip.

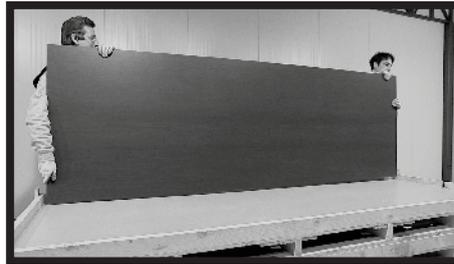


Fig.2 - You can now guide the slab to its upright position, keeping it as straight as possible.



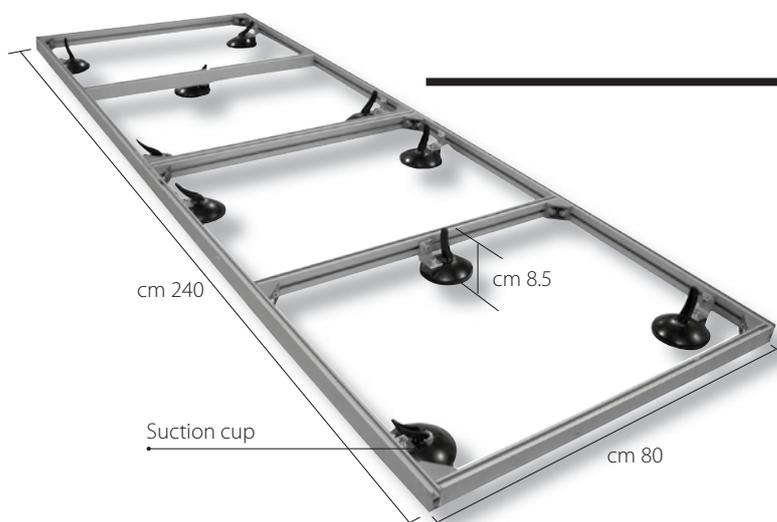
Fig.3 - When the slab is upright, hold it from its top edge and shift it keeping it straight and upright. This operation should be performed with the aid of a second person.



Fig.4/5 - All versions of SLIMTECH slabs, of size 300x100 cm, can be handled by two persons, using a special frame. Fasten the frame to the slab when it is still on the pallet. Now raise the frame and slab to eliminate the suction effect.



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The Frame

To safely handle slabs of SLIMTECH, of various types and in the 300x100 cm size, a special frame is available upon demand. It is made of aluminium and features suction cups. It is ideal for installing on scaffolding at a height of over 2 metres.

STORAGE OF WHOLE SLABS (300x100 cm)

All versions of SLIMTECH slabs (300x100 cm) can be stored either in vertical or horizontal position. If you place one slab on top of the other, make sure that each slab is clean and that the surface the slabs are resting on is flat.

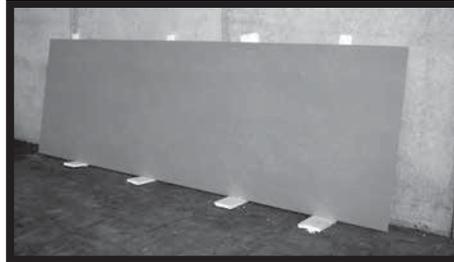


Fig.6 - As concerns the upright position, place the long side of the slab on a wooden plank.

HANDLING PACKAGES CONTAINING 300x100 cm

Lifting and handling palletised packages with forklift trucks:



Fig.7 - To take on pallets from their long side, position the forks at a distance of at least 1 metre the one from the other, perpendicular to the long side of the pallet and at the centre of the latter. Forks must be supporting the entire surface of the pallet.



Fig.8 - To take on pallets from their short side (e.g. when unloading containers), you must use forks with a length of at least 2,5 metres to guarantee a sufficiently long supporting surface and therefore protection of the package and its contents.