



Ceramiche Brennero

Suggestions for a correct laying and cleaning of lapped and natural porcelain stoneware surfaces

Laying in progress: At the moment of the reception of the material, and however before the laying, it is important to verify the shade, the calibres and the choice of the material, because **we cannot accept claims on material already laid** and whose defects were visible before laying. We recommend lying with glue because it offers great guarantees of stability, especially on big sizes (bigger than 45 X 45). We also remember that, during lying, the foundation must be stable, dry and properly ready, not frozen and not excessively warm and however it is necessary to follow the producers' instructions of the foundation materials and use specific adhesive.

 During laying it is necessary not to mark the material on the surface with pencils (graphite) or inerasable marking pen, above all in case of polished surface. It is always important to make a preventive test before the utilization of cleaning products on lapped porcelain stoneware and polished surfaces

Joints and grout: the width of the joint can be different according the tiles dimension and the destination of use of the floor. We do not suggest lying without joint but lying is recommended with a joint of at least 2-3 mm. In environments of large size it is absolutely necessary to place expansion joints regularly; Small room, just leave a slight gap between the tiled walls. It will then be the baseboard to cover the detachment giving a finished appearance.

For the use of epoxy grouts, additions of resins or similar, we recommend a preventive real test of cleaning. For an aesthetical result, we suggest the use of grouts with a similar shade of colour of the tile in order to reduce the contrast (es. white tile black grout) above all for lapped or polished products. Immediately after the grouting of the floor and/or wall, it is important to remove each residual of grout in exceed, to avoid the grow up of amass.

 **"After laying cleaning":** We suggest to execute a **preliminary washing on a sample surface of some square meters; in case of positive result cleaning will be extended on the whole surface.** The "after lying" cleaning must be done after ending works on building yard. The inadequate or late removal of the remaining grout used for the joints, can leave marks that are difficult to remove and can create on the surface a cementations wrap able to absorb every form of dirt, giving the impression that it is the material to get dirty. To remove the cement grout we suggest the use of specific cleaning agents and to follow attentively the use instructions written from the producer on the boxes. Never use pure acids or acidic cleaners too aggressive

 **Daily cleaning:** After having done the "after laying cleaning" (previous chapter),for the daily cleaning we recommend detergents or degreasing products diluted in warm water and always following the instructions on the boxes. We suggest to pay a lot of attention to the phase of rinsing and drying of the tiles, because they allow to remove the dirt and to avoid accumulations (stratifications) of limestone of detergent and remaining of dirt. Never use pure acids or acidic cleaners too aggressive

We warmly not suggest the use of waxes, oily soaps, imbuing and different treatments (hydro-ole repellent) on polished porcelain stoneware products

Extraordinary cleanings: In case of particular stains and/or particularly tenacious it is advisable the use of specific detergents with a previous tests on a small portion. We also remind that the removal of any type of stains **is easier if removed when they are still fresh.** Never use pure acids or acidic cleaners too aggressive



Hydrofluoric acid (HF) and acid with the same composition can irremediably damage porcelain stoneware

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