

□ DURING INSTALLATION

- **Mixing Effect.** It is advisable to work at the same time with at least five cartons of porcelain stone in order to reproduce the aesthetic effect which was aimed for when the product was designed.
- **Previous Presentation.** Installing procedures similar to those of natural stones should be used in case of materials with color shade variations, i.e. to combine tile by tile and verify the aesthetic effect. It is important to point out that shade marks and the inscriptions on the back side of tiles do not suggest at all how the installation has to be done. Tiles should be installed in accordance with the above mentioned procedure. If anomalies are detected, installation should be stopped immediately and you should contact your supplier as no claims shall be accepted if material is already installed.
- **Joint.** Minimum joint recommended in each material carton should be respected, a 4 mm (1/6“) grout is recommended for all glazed or unpolished tiles, both rectified and non rectified. For the polished tiles, a minimum joint of 2 mm (1/12”) is recommended to hide the small defects on the installation surface. Your installer will know the proper procedure for the expansion joints. Joints should be filled one by one never spreading the grout on the surface of the stone, as this shall cause difficulties at cleaning, specially with series which have a textured surface.
- **Cuts.** Wet saws are generally used when cutting tiles. It should be taken into account that when materials with beveled edges are cut the new edges shall not have bevel. Eye protection should always be worn when cutting or drilling porcelain tiles.
- **Drills.** A diamond tip drill bit is used when drilling, one that is specifically designed for cutting through ceramic tile, marble, granite, stone or other dense materials using a drill with low speed. It is necessary to keep the tile and the drill permanently lubricated.
- **Adhesive.** Adhesive's open time stated by the manufacturer should be carefully respected as this is the main cause for the popping up of tiles. Depending on the kind of adhesive it is necessary to wait for drying during a determined period (in general 72 hours) before grouts are filled. Consult your adhesive supplier for this information.
- **Inscriptions with markers.** It is advisable to avoid the drawing of lines or inscriptions with markers in the front side of non glazed porcelain stones, as it may be difficult to clean. If necessary drawing shall be carried out on the back side of tiles.
- **Boxes should be kept in good conditions.** This is a fundamental requirement which must be fulfilled in order to be able to attend to eventual claims.
- **Proper care during installation.** In order to protect the surface of the tiles after installation, we recommend to put a protective cover (paper, cartons) over the tiles until the construction job is finished.