

INFORMATION FOR USERS

Installation and Maintenance Guide for Group Bla Porcelain Flooring and Wall tile

Introduction

Group Bla porcelain tile, known for its low water absorption ($\leq 0.5\%$) and high resistance, offers a durable and aesthetically versatile solution for various environments. This guide provides detailed instructions for proper installation and maintenance, ensuring optimal results and a long product lifespan.

Technical Characteristics of Group Bla Porcelain

Important

These instructions provide general guidelines for installing our products. Please read them carefully before starting the installation.

Claims for already installed material will not be accepted, so it is crucial to inspect the material before installation. If there is a defect in the tiles, it must be detected before they are installed.

Material Reception and Verification

1. **Initial inspection:** Before installation, check the material for visible defects. Ensure the tiles have the same shade and caliber, or that their calibers are compatible if mixing different models and/or colors.
2. **Storage:** Keep the tiles in a dry place, protected from impact.
3. **Compatibility:** Verify the compatibility between base tiles and decorative tiles. Small tone variations are normal and do not affect the final result.

Surface Preparation

1. Base condition:

- **Clean:** Remove residues, grease, and dust. Any remaining particles can reduce adhesive adherence and cause future detachment.
- **Dry:** Ensure a moisture level below 3%.
- **Plumb, leveled, and flat:** Deviations should not exceed 3 mm per 2 m in any direction.
- **Stable:** No cracks or future shrinkage.

2. Repairs: Fill cracks or irregularities with self-leveling mortars if necessary.

3. Waterproofing: In wet or outdoor areas, apply a waterproofing layer.

Porcelain Installation

Always consult the manufacturer or distributor of the adhesive material to determine the correct product for each case. The required adhesive quantity per square meter should be indicated in the manufacturer's instructions.

1. Selection of Adhesive Materials:

- Use **C2 cementitious adhesives** (according to EN 12004) for indoor applications.
- Use **S1 or S2 flexible adhesives** for outdoor surfaces or heated floors.

2. Adhesive Application:

- Use **double bonding** for large formats (>60x60 cm).
- Comb the adhesive in straight lines to ensure even distribution.

3. Tile Placement:

- Maintain a minimum **joint width of 2 mm**.
- Apply uniform pressure and ensure tiles are level.
- Consider **expansion joints** (if required) and **perimeter joints** at transitions and changes in plane for surfaces exceeding **10m²**.

4. Grouting:

- Use **CG2 or epoxy grouts** for areas exposed to moisture or chemicals.

5. Environmental Conditions:

- Temperature should be between **5°C and 30°C**.
- Avoid strong winds, frost, or rain.

Post-Installation Cleaning

1. **Residue Removal:**
 - Use **cleaning products compatible with porcelain**.
 - Test on a small, hidden area before applying to the entire surface.
 2. **Cleaning Procedure:**
 - Vacuum or sweep to remove loose debris.
 - Wash with a damp cloth and **neutral detergent**.
 - Rinse thoroughly with clean water and dry with a soft cloth.
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Cutting and Drilling

There are various tools and accessories available for cutting and drilling tiles during installation.

Since cut edges are generally not perfect, **place the tiles so that the cut sides are less visible** (e.g., inside corners on walls or floors).

- While a **manual tile cutter** is effective for most cuts, a **water-cooled ceramic cutter** provides better results.
 - For round holes, use an **electric drill with a diamond drill bit** of the required diameter. Secure the tile properly and keep the drill bit cool with water during the process.
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Daily Maintenance

1. **Regular Cleaning:**
 - Use **neutral detergents** diluted in warm water.
 - Avoid oily, waxy, or abrasive products.
2. **Tough Stains:**
 - Use **specific cleaners** based on the stain type.
 - Always test on a small area before using a strong cleaner to **avoid surface damage**.

3. Damage Prevention:

- Attach protective felt pads to furniture legs and **avoid dragging furniture** directly on the tiles.

Recycling and Waste Disposal

1. Tile Waste:

- Crush leftover tiles for use as **filler material** or **aggregates** in construction.

2. Leftover Materials:

- Take excess adhesives and grouts to **authorized recycling centers**.

3. Packaging:

- Properly recycle **cardboard boxes** and **plastic packaging**.
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Note:

Always follow the recommendations of adhesive, grout, and cleaning product manufacturers to optimize installation and maintenance results.