

PROFESSIONAL INSTALLATION GUIDELINES

Handling & Execution Protocol for 6mm Large-Format Slabs

1. SUBSTRATE PREPARATION & INSPECTION

- The laying surface must be completely flat, clean, cured, structurally sound, and free from any dust, oils, or loose particles.
- Verify substrate flatness using a 2-meter straightedge; maximum allowable deviation is strictly within manufacturing tolerances.

2. HANDLING, TRANSPORT & CUTTING

- Due to the slim 6mm profile, use dedicated suction-cup handling frames and manual cutting/scoring tools designed specifically for large-format thin slabs.
- Always store slabs flat on pallets or on specialized A-frame storage racks to prevent bowing or edge chipping prior to installation.

3. ADHESIVE APPLICATION (DOUBLE-BUTTER METHOD)

- Use high-grade deformable C2TE / S1 or S2 class tile adhesives suitable for thin porcelain slabs.
- Apply adhesive using the **double-buttering method** (applying adhesive evenly on both the back of the slab and the substrate) to ensure 100% full-coverage bonding and eliminate hollow spots.

4. JOINT GROUTING & EXPANSION JOINTS

- Maintain a minimum joint width of 2mm to 3mm between slabs to accommodate minor thermal movements.
- Respect perimeter expansion joints and structural joints; fill joints using high-performance epoxy or flexible cementitious grouts after the adhesive has fully cured.

5. POST-INSTALLATION CLEANING & PROTECTION

- Clean off excess adhesive or grout residues immediately using clean water and neutral sponges while the material is fresh.
- Protect the finished surface from subsequent heavy trade traffic using breathable protective sheeting.