

RAI-FIX

The RAI-FIX Anchoring system provides a simple and effective solution to prevent the fall of the tiles applied vertically with adhesive in case of detachment from the wall.

ANCHOR SYSTEM

Two connectible guides with cutting length of 5.2 ft. (each) and 10.9ft (combined). Made of sturdy aluminum extruded profiles with 3-stain-free suction cups.

Suction cups prevent the cutting guide from moving during scoring for maximum precision. Handles for suction can perform at 180° as to not interfere with cutting.

The cutting unit is a fine adjusted system allowing perfect coupling between the cutting and the guide. Die-cast with wolfram carbide wheel Ø 5/8" and pin.



HANDLES

Re-designed handles perform at a 180° to accommodate to cutting clearance.



SUCTION

Three (3) stain-free suction cups per guide prevents the cutting guides from moving during the scoring ensuring maximum precision.



CONNECTION

The guides, made of extruded aluminum profiles, connect to each-other or its extension with a pin-and-hole system. A total length of 15ft.



LT5AT120 LT5AT500

Mechanical support system for the application of tiles/slabs $\frac{3}{16}$ " thick. For format larger than 24" x 24" requires an extra anchor.



LT6AT120 LT6AT500

Mechanical support system for the application of tiles/slabs $\frac{1}{4}$ " thick. For format larger than 24" x 24" requires an extra anchor.



LTAT70 LTAT120 LTAT500

Mechanical support system for the application of tiles/slabs $\frac{5}{16}$ " thick. For format larger than 24" x 24" requires an extra anchor.



LTGT

Grooving tool for Mechanical support system. Adjustable cutting box to apply a groove on the back of the tile.

Included: Stainless steel box with vacuum connection, variable speed grinder, and 5" blade.



LTGTB

Grooving tool box unit for Mechanical system support. Adjustable cutting box to apply a groove on the back of the tile.

Included: Stainless steel box with vacuum connection.

1. CREATING THE SLOT

Place the RAI-CUT device on the back of the slab/tile and create the slot in which the RAI-FIX hooks will be placed.

2. RAI-FIX 6mm & 8mm

Remove from the hook eventual traces of oil or grease.
Insert the 6 or 8mm RAI-FIX safety hook.

2a. RAI-FIX 5mm

Remove from the hook eventual traces of oil or grease.
Before inserting the hook RAI-FIX 5mm, fill the incision with adhesive sealant-MS polymer, without exceeding in quantity. Insert the hook.

3. ADHESIVE SPREADING

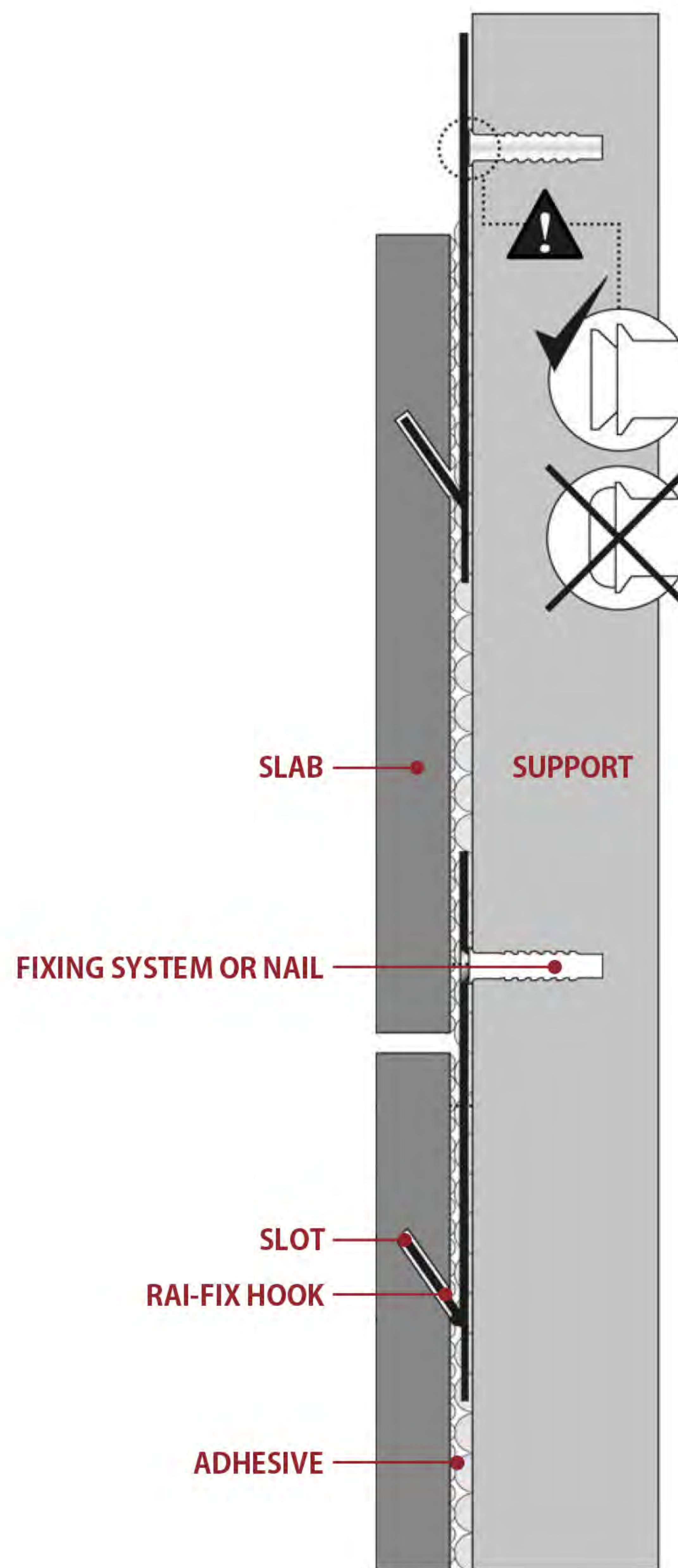
Make sure the hook is fixed thoroughly and make sure that surface to be tiled is solid and free of power and grease.
Spread the adhesive on the support (wall), taking care not to invade the area where the RAI-FIX hook will be placed.
We suggest 'back-buttering' the tile.

4. FIXING THE RAI-FIX HOOK

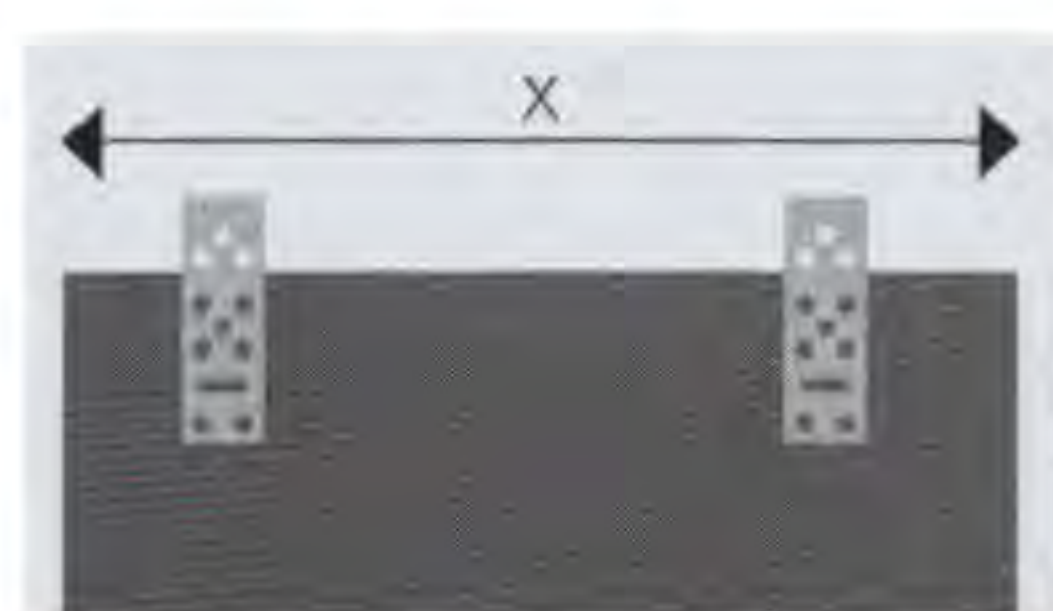
Drill the wall with a Ø6-8mm ($\frac{1}{4}$ "- $\frac{5}{16}$ ") bit in correspondence to one of the holes of the hook.

5. FIXING THE RAI-FIX HOOK

Insert the anchor through the special hole in the RAI-FIX hook. Fix the RAI-FIX hook by mean of the anchor screw.
Alternatively use a nail.



INDICATIVE CONSUMPTION



		MAX. WEIGHT						PIECES PER TILE
		RAI-FIX 3/16" (5mm)		RAI-FIX 1/4" (6mm)		RAI-FIX 5/16" (8mm)		
0 < x ≤ 60cm	0" < x ≤ 24"	33Kg	72 lbs	45Kg	99 lbs	60Kg	132 lbs	1 
60 < x ≤ 200cm	24" < x ≤ 79"	66Kg	145 lbs	90Kg	198 lbs	120Kg	264 lbs	2  
200 < x ≤ 320 cm	79" < x ≤ 126"	99Kg	218 lbs	135Kg	297 lbs	180Kg	396 lbs	3   