

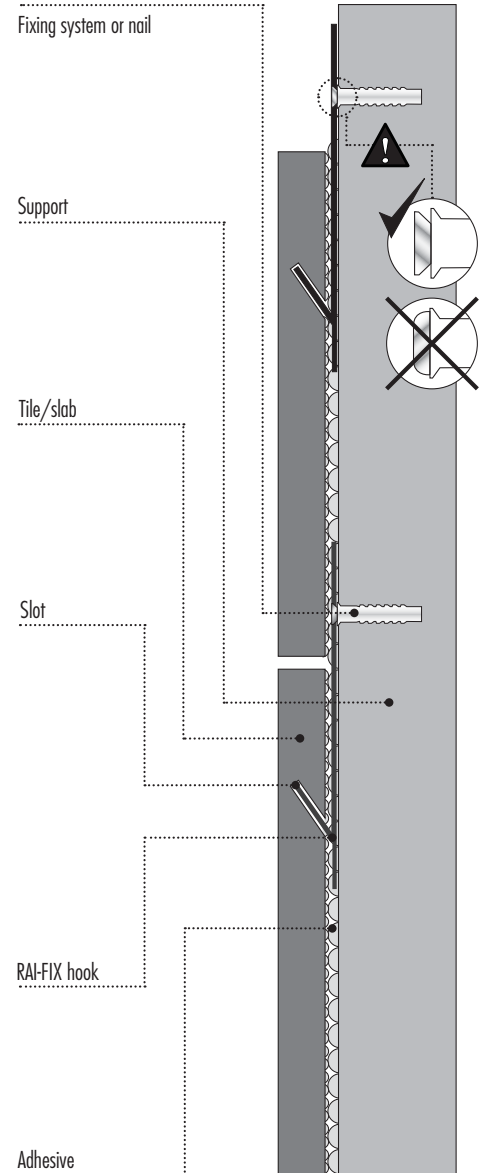
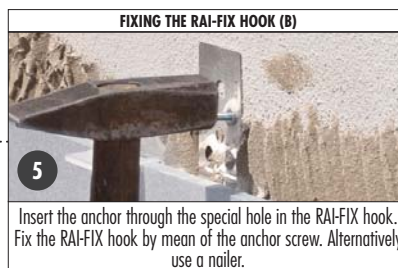
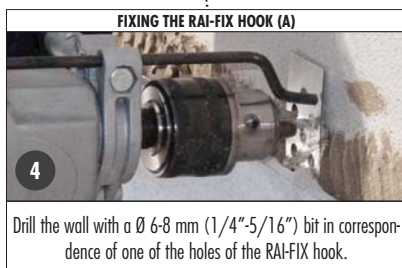
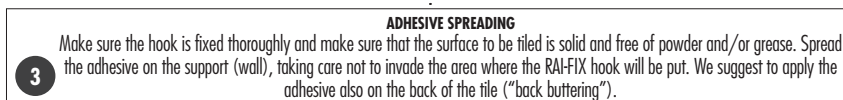
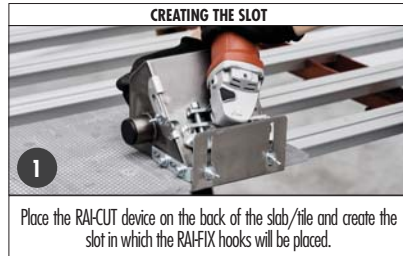
WHAT IS RAI-FIX SYSTEM

- The safety withholding hook RAI-FIX is a simple and effective device that prevents the tile/slab (set with adhesive) to fall down in the event of detachment from the wall.
- When installing tiles/slabs bigger than 30 cm – 12" (being them in ceramic, porcelain or natural stone) in façade with adhesive, it is required to use a mechanical safety system which prevents the tile / slab to fall down in the event of detachment of the adhesive.*
- Indeed adhesives guarantee perfect anchorage of the tile/slab only if perfectly applied. But this is not always the case. In addition to that, it is hard to predict the strains the tile/slab will have to bear because of building's settlement as well as expansion for temperature range, extreme weather conditions, earthquake and so on...
- Therefore, the safety withholding hook RAI-FIX is a crucial ally of the architect/designer (and of course of the buyer) to assure the maximum safety. In addition to that RAI-FIX expands the design possibilities since tiles and slabs of any size can be now used.

- Aesthetically speaking, RAI-FIX is the perfect solution since it is completely invisible once the façade is done. In fact RAI-FIX has to be placed between the tile / slab and the wall and therefore it is 100% hidden.
- The safety withholding hook RAI-FIX is made of stainless steel and can be used with tiles / slabs of minimum thickness 5 mm (3/16").
- The installation is very simple and is carried out directly on the jobsite in a few seconds.

* Regulations may vary from Country to Country. Therefore it is necessary to refer to the legislation in force in the area where the building / jobsite rises.

HOW TO USE IT



INDICATIVE CONSUMPTION

- The suggested consumption is purely indicative.
- Conservatively, in the tables it has been considered halved loads compared to the maximum potential measured by the laboratory.
- In any case it is the designer's task to determine the number of hooks per tile/slabs according to the regulations in force and the specific variables of the each jobsite, including consistency of the substrate and type of anchors used.

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



TOOLS FOR FAÇADES

RAI-FIX 8 mm (5/16") – SAFETY WITHHOLDING HOOK

- RAI-FIX hook for tiles and slabs of minimum thickness 8 mm (5/16").
- Made in premium quality stainless steel.
- Tensile strength laboratory tests gave the following result: 120 Kg (264 lbs).
- With 10 holes Ø 8 mm (5/16") and one hole Ø 9 mm (1/8") for inserting the anchor screw.

Part No.	Barcode	Box	Description	Thickness	Length	Pcs per box	packaging	Dimensions	Weight
299	8024648075604	1	RAI-FIX 8 mm (0.31")	≥ 8 mm	≥ 0.31"	70	blister	24x18xh 5 cm	1,2 Kg
299C120	8024648076267	1	RAI-FIX 8 mm (0.31")	≥ 8 mm	≥ 0.31"	120	cartone	27x15xh 10 cm	2,1 Kg
299C500	8024648078230	1	RAI-FIX 8 mm (0.31")	≥ 8 mm	≥ 0.31"	500	cartone	33x23xh 17 cm	9 Kg

RAI-FIX 6 mm (1/4") – SAFETY WITHHOLDING HOOK

- RAI-FIX hook for tiles and slabs of minimum thickness 6 mm (1/4").
- Made in premium quality stainless steel.
- Tensile strength laboratory tests gave the following result: 90 Kg (198 lbs).
- With 10 holes Ø 8 mm (5/16") and one hole Ø 9 mm (1/8") for inserting the anchor screw.

Part No.	Barcode	Box	Description	Thickness	Length	Pcs per box	packaging	Dimensions	Weight
2996MM120	8024648081582	1	RAI-FIX 6 mm (0.24")	≥ 6 mm	≥ 0.24"	120	cartone	27x15xh 10 cm	2,1 Kg
2996MM500	8024648081681	1	RAI-FIX 6 mm (0.24")	≥ 6 mm	≥ 0.24"	500	cartone	33x23xh 17 cm	8,7 Kg

RAI-FIX 5 mm (3/16") – SAFETY WITHHOLDING HOOK

- RAI-FIX hook for tiles and slabs of minimum thickness 5 mm (3/16").
- Made in premium quality stainless steel.
- Tensile strength laboratory tests gave the following result: 33 Kg (72.7 lbs).
- With 10 holes Ø 8 mm (5/16") and one hole Ø 9 mm (1/8") for inserting the anchor screw.

Part No.	Barcode	Box	Description	Thickness	Length	Pcs per box	packaging	Dimensions	Weight
2995MM120	8050532002906	1	RAI-FIX 5 mm (0.19")	≥ 5 mm	≥ 0.19"	120	cartone	27x15xh 10 cm	2,1 Kg
2995MM500	8050532002913	1	RAI-FIX 5 mm (0.19")	≥ 5 mm	≥ 0.19"	500	cartone	33x23xh 17 cm	8,6 Kg

RAI-CUT

- The RAI-CUT device is part of the RAI-FIX system and it is fundamental to create the slot in the back of the tile/slab. Slot where to insert the RAI-FIX hook.
- RAI-CUT works on tiles/slabs with max thickness of 30 mm (1 3/16") and minimum 5 mm (3/16").
- RAI-CUT is made of stainless steel and it is provided with clutch hole for connecting a vacuum dust extractor (Ø 38 mm - 1 1/2").
- RAI-CUT can be supplied with or without angle grinder (power 900W).
- Thanks to its semi-universal attachment, RAI-CUT is compatible with the most popular brands and model of angle grinders.
- RAI-CUT cuts dry with diamond disc Ø 125 mm (5").

Part No.	Barcode	Box	Description	Thickness	Power	Dimensions	Weight
299RAICUTUN	8024648092236	1	RAI-CUT with angle grinder	max 30 mm 1 3/16"	900W - 230V 50/60 Hz	40x40xh 15 cm 15 3/4" x 15 3/4" xh 6"	5,6 Kg
299RAICUT110V	8024648077516	1	RAI-CUT with angle grinder with US plug		780W - 110V 50/60 Hz		5,6 Kg
299RAICUTGB	8024648083531	1	RAI-CUT with angle grinder with GB plug		780W - 110V 50/60 Hz		5,6 Kg
299PFLEX UN	8024648087621	1	RAI-CUT without angle grinder	-	-	40x40xh 15 cm 15 3/4" x 15 3/4" xh 6"	2,2 Kg
179CCT125	8024648075703	1	Ø 125 mm (5") diamond disc (dry cut)	-	-	-	-