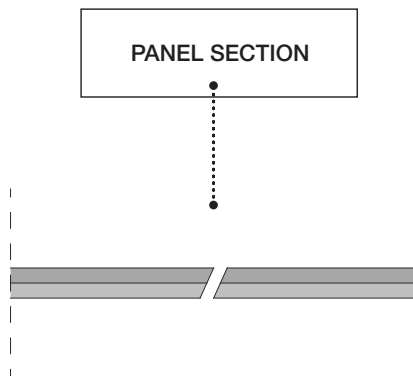


PANEL DATA SHEET

MONOTEC MASSETTO

It is the Monotec version for raised screeds. Modular panel with top finish in ceramic or stone material and lower monolithic structural core, in composite material, with high resistance - mechanical, fire and sound absorbency characteristics. Size 600x600 mm nominal, total thickness 22 mm / 25 mm / 30 mm including the finish. Product suitable for any type of environment as it does not undergo dimensional changes in the presence of moisture or water. The special inclination of the sides allows each panel to work on the block of the adjacent element, so that once the floor has been laid, all the elements lock into place with one another, providing the floor with a self-locking function.



MONOTEC MASSETTO COMPOSITION

1 CORE

Panel with structural core monolithic and homogeneous, made entirely of inert material, synthesized at high temperatures and odorless. The support is absorption zero, then there are no problems in the presence of water or humidity. The assembly is guaranteed by the combination of the two materials by a specific glue

2 EDGE TRIM

Made of plastic material compound antisqueak, a nominal thickness of 0.45 mm and a height equal to that of the panel, totally free from PVC and self-extinguishing (class V0 UL94 standard).

3 TOP FINISH

Gres

Nominal characteristics

Dimension	600x600 mm
Thickness	20 mm, 25mm, 30 mm
Panel weight	± 17 kg, ± 20 kg, ± 25 kg
Weight SQM	± 47 kg, ± 55,5 kg, ± 69,5 kg
Density	2.200 kg/mc ± 5%

Physical and dimensional characteristics

Dimensional deviation with ceramic	class 2 (UNI EN 12825/03)
Electrical resistance	2x10 ⁸ ohm max (EN 1081)
Sound-absorbing power	38 dB
Fire rating	REI 30 (UNI EN 13501-2/09)
Fire reaction rating	Bfl-S1 (UNI EN 13501-1/09)
Dimensional variation after 24H in water	0,% (EN317/93)
Water absorption after immersion 24H	0,09% (ISO 769/72)

Mechanical characteristics (EN 12825)

PANELS WITH GRES AS TOP FINISH

Gres tiles dimension	600 x 600 mm		
Type of structure	SAS / STS		
Monotec massetto thickness	sp. 20 mm	sp. 25 mm	sp. 30 mm
Operating load	kN 2,5	5,0	7,3
Ultimate load	kN 4,9	10,0	14,7
Distributed load	KN 24,5	26,5	28,4
Class according to EN 12825	1 / 2 / A / 1	4 / 2 / A / 1	6 / 2 / A / 1

The concentrated and distributed loads refer to a 2,5 mm deflection.

ATTENTION: For drilling on the panels, also for 8-10 mm diameter, use suitable tools (do not use percussion drills).

*1 kN = 102 kg