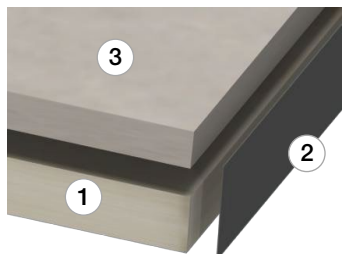


PANEL DATA SHEET



MONOTEC/ MONOTEC GREEN

Modular panel with top finish in ceramic or stone material and structural core monolithic, composite material, with high-strength characteristics, physical - mechanical, fire and sound absorption. Nominal size 600x600 mm, total thickness 25 mm including finishing. Product suitable for any environment because it does not undergo dimensional variations in the presence of moisture or water. The panel Monotec is protected perimetrically by a border made up 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). The Monotec GREEN is not trimmed.



MONOTEC COMPOSITION

1 CORE

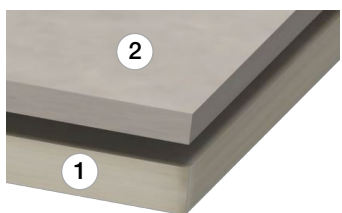
Panel with structural core monolithic and homogeneous, made entirely of inert material, synthesized at high temperatures and odorless. The support is absorption zero, then there are no problems in the presence of water or humidity. The assembly is guaranteed by the combination of the two materials by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



MONOTEC GREEN 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 TOP FINISH

Gres

Nominal characteristics

Dimension	600x600 / 1200x600 mm
Thickness	25 mm
Panel weight	21,5 kg ± 5%
Weight SQM	60 kg ± 5%
Density	2.200 kg/mc ± 5%

Physical characteristics

Dimensional deviations with resilient
 Electrical resistance, top finish excluded
 Self-extinguishing edging
 Walking sound level at 500Hz
 Fire rating
 Fire reaction rating
 Dimensional variation after 24H in water
 Water absorption after immersion 24H

class 2 (UNI EN 12825/03)
 1x10¹¹ ohm max (EN 1081)
 V0 (UL 94)
 23 dB
 REI 30 (UNI EN 13501-2/09)
 Bfl-S1 (UNI EN 13501-1/09)
 0% (EN317/93)
 0,09% (ISO 769/72)

Mechanical characteristics (EN 12825)

PANEL WITH GRES AS TOP FINISH

Tiles dimension	600 x 600 mm					
	SAS	STQ	STS	STR	STO	STC
Type of structure						
Concentrated load	kN	2,3	2,5	2,6	3,3	3,3
Concentrated load - center of the panel	kN	4,0	4,1	4,2	4,6	4,6
Ultimate load	kN	7,2	7,4	7,6	8,0	8,4
Distributed load	kN/m ²	16,3	16,3	16,5	18,5	18,5
Class according to EN 12825		2/A	2/A	2/A	2/A	3/A

PANELS WITH LAMINATE AS TOP FINISH

Type of structure	SAS	STQ	STS	STR	STO	STC
Concentrated load - center of the side	kN	3,3	3,4	3,5	3,6	3,8
Concentrated load - center of the panel	kN	4,2	4,3	4,4	4,8	4,8
Ultimate load	kN	8,7	8,8	9,0	9,6	9,8
Distributed load	kN/m ²	17,7	18,1	18,3	19,1	20,4
Class according to EN 12825		3/A	3/A	3/A	3/A	4/A

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 percussive drills).

*1 kN = 102 kg