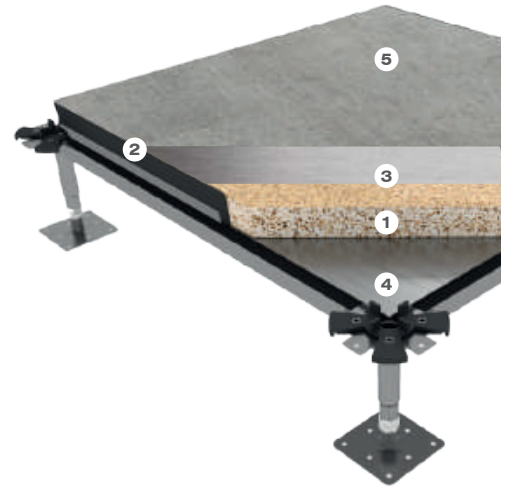


TECHNICAL DATA

PRODUCT COMPOSITION

- 1 CORE**
35mm thickness. High density chipboard (720kg/m³ ±10% according to international standards)
 - 2 EDGE**
1'5mm thickness. No creak, self-extinguishing plastic band in black or grey color. The tile is covered by the 0'5mm thick steel tray all around its perimeter.
 - 3 CENTRE LAYER**
Galvanized Z-275 steel sheet of 0'5mm thickness to provide duty loading resistance
 - 4 BOTTOM LAYER**
Galvanized Z-275 steel tray of 0'5mm thickness to provide a proper isolation to moisture and improve the mechanical performance and electrical conductivity.
 - 5 TOP LAYER**
HPV vinyl, ESD Vinyl, Conductive Vinyl, Antistatic carpet, Linoleum, Rubber, others under requirement.
- DIMENSIONS**
600 x 600 x 36mm + top layer thickness



GAMAFLOR SYSTEM

WITHOUT STRINGER WITH STRINGER

Ultimate load	kN	18,90	19,80
Concentrated load Max. flexion 2,5mm	kN	6,65	6,71
Classification EN 12825		6A21	

(TESTED CENTER OF PANEL) TECHNICAL DATA ACCORDING TO REGULATION EN 12825

General Characteristics

Distributed load	kN/m ²	37,15
Weight per panel	kg	13,59
Weight per sqm Structure included HF 300mm WS	kg	39,85 41,95
Conductivity EN 1815	Kw	<2 antistatic physiologic
Electrical Resistance EN1081	Ω	>10 ⁹
Fire classification EN 13501-1:2002		Bfl-s1
Inflammability EN ISO 11925-2:2002		No combustion or ignition
Flame spread EN ISO 9239-1:2002		∅

FEATURES

LEED CERTIFICATION

Using this floor system contributes positively with the LEED Building Rating Systems requirements in order to achieve LEED certifications.

SOVEREIGN SYSTEM

The SOVEREIGN SYSTEM is an addition under request, where the top layer receives a treatment with a new technology. Once the raised floor is installed, the result is an homogenous appearance of continuity.

SEISMIC SAFETY

This floor system has anti seismic properties, granting the safety of its installation. We can provide seismic study under the ASCE 7-10 regulation.

SOUND PROOFING

The system has acquired acoustic values that improve the reduction of impact noise as well as acoustic absorption.

Regulation EN 12825

Position 1. Element class

	1	2	3	4	5	6
Last admitted load KN	≥ 4	≥ 6	≥ 8	≥ 9	≥ 10	≥ 12
Aprox. kg	400	600	800	900	1000	1200

Position 3. Safety class

2 / 3

Position 4. Squareness class

	Long side	Squad	Thickness
CLASS 1	± 0,2 mm	± 0,3 mm	± 0,3 mm
CLASS 2	± 0,4 mm	± 0,5 mm	± 0,5 mm

Position 2. Flexion class

A = 2,5 mm B = 3,0 mm C = 4,0 mm

PRODUCTS CERTIFIED BY LABORATORIES



Polygroup reserves the right to make any changes in their product without prior notice.

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