POLYGROUP

TECHNICAL DATA

GAMAFLOR FULL STEEL BOMBARDIER

PRODUCT COMPOSITION

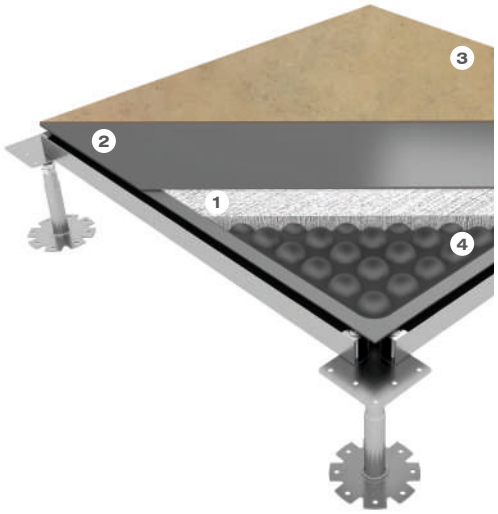
1 CORE
High density concrete of 36mm thickness
(1.250kg/m³ ±10% according to international standard)

2 TOP COVERING
Smooth steel sheet of 2.00mm finished with an epoxy coating.

3 COVERING
Bare or Antistatic HPV, Antistatic Vinyl, ESD Vinyl, Conductive Vinyl, Antistatic carpet, Linoleum, Rubber and others under requirement.

4 BOTTOM COVERING
Smooth steel sheet of 1.80mm thickness with 64 rounded embossments, electro-welded to the top covering steel sheet with an epoxy coating. Strengthened by a perimetral reinforced rib to obtain highest capacity.

DIMENSIONS
600 x 600 x 36mm + top covering thickness.



GAMAFLOR SYSTEM

Ultimate load Center of panel	kN	31.50
Concentrated load	kN	11.12
Impact load	Kg	93.00
Rolling load 10 000 pass	kN	8.10
Uniform load	kN/m²	50.00

TECHNICAL DATA ACCORDING TO REGULATION **CISCA - ASTM**

General Characteristics

Weight per panel		20.45 kg	
Weight per sqm Structure included HF 300mm WS		58.85 kg/m² WITHOUT STRINGER	60.70 kg/m² WITH STRINGER
Conductivity EN 1815	Kw	<2 antiestatic physiologic	
Electrical Resistance EN1081		>10⁹ Ω	
Flame Spread ASTM E 84 15B		Class A	
Smoke Developed Index ASTM E 84 15A		Class A	
Combustion ASTM E136-16		No combustion or ignition	
Thermal Conductivity BSEN12825:2001		0.326 [w/(m·k)]	

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 a new characteristic, where the top layer recieves 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 improves the reduction of impact noise as well as acoustic absorption.

PRODUCTS CERTIFIED BY LABORATORIES

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

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