

## DATA SHEET

### S.T.C 35 mm



A. High-density Steel cement floors that are characterized by being made of natural materials ( Reinforced by Cellulose organic fibers).

With Density 1250 KG/m<sup>3</sup>

Dimensions : 600x600x35mm (special dimensions possible)

B. Top Covering : Vinyl Anti-static - Rubber - Carpet - Porthalene- HPL - linoleum.

C. Edge : PVC crafts for the perimeter of the slab Carbon mixed to help discharge electrical charges.

D. Bottom Cover : Steel is made of hot dip galvanized steel tray 0,5 mm thk.

Specifications	Core	Steel	Edge Detail	Size
<b>Panel construction</b>	35 mm high-density Steel cement 1250 KG/m <sup>3</sup>	Zinc-free Top and bottom steel	0.5 mm PVC edge banding	600x600x35 mm panel weight 15.5 KG
<b>Load characteristics</b>	<b>Concentrated load</b>	<b>Ulitimate load</b>	<b>Rolling Load</b>	<b>Ulitimate / m<sup>2</sup></b>
<b>Heavy Grade ( KN )</b>	4.4 KN	12 KN	2.99 kN/10 Passes	29.25 KN/m <sup>2</sup>
<b>Deflection</b>	2.5 mm		Class A	
<b>Load characteristics</b>	<b>Concentrated load</b>	<b>Ulitimate load</b>	<b>Rolling Load</b>	<b>Ulitimate / m<sup>2</sup></b>
<b>Heavy Grade ( KN )</b>	4.4 KN	12 KN	2.51 kN/10,000 Passes	29.25 KN/m <sup>2</sup>
<b>Deflection</b>	2.5 mm		Class A	
<b>Classification</b>	EN 12825(*)	≥ 18.5 KN	Deflection Class A	
<b>Electrostatic conductivity</b>	≤ 2 KV			
<b>Core panel electrical resistance</b>	R1 ≤ 10 <sup>10</sup>			

## Typical Applications

- Communication Rooms
- IT Rooms
- Data center
- Electronic constructions
- Hotel leisure
- Any area requiring heavy duty.

