

Caso DC 10.0

Core Type
Calcium Sulphate

Class 6

Panel Properties	
Thickness	approx. 40,5 mm
Dimensions	600 x 600 mm
Panel Weight	approx. 25kg
Core Material	Calcium Sulphate
Edge Banding	Circumferential
Panel Top Finish Material	Multiple Options Available
Underside	Hot dipped galvanised steel sheet

Understructure	
Pedestal Type	SSP M20
C-profile Type	40 x 40 x 2 mm
Pedestal Caps	38 x 38 x 1mm C-PE 4 way



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System performance according to EN 12825:2002 & application guideline

Grid Size	600 x 600 mm
Ultimate Load at the Weakest Point	21 kN (Stamp 50x50 mm)
Working Load	10 kN (Stamp 50x50 mm)
Deflection Class	A
Uniformly Distributed Load	35 kN/m ²
Rolling Load	10,000 Passes

Fire Protection

13501 -1: 2018	A1 fl
DIN4102-2: 1977	F30-AB

Resistance to Earth EN1081: 2021

HPL	10 ⁸ - 10 ¹¹ Ohm
HPL Dest	10 ⁶ - 10 ⁷ Ohm
Rubber	> 10 ¹⁰ Ohm
Rubber ESD	10 ⁶ - 9 x 10 ⁷ Ohm
PVC	> 10 ¹⁰ Ohm
PVC SD	10 ⁶ bis 10 ⁹ Ohm

Static Electrical Propensity

EN1815: 2016	≤2.0kV
All Finishes Classified	Antistatic

Sample Specification

Product Description	Tate CASO DC 10.0
EN12825: 2002 Load Class Requirement	6
EN12825: 2002 Deflection Class	A (No More Than 2.5mm at Working Load)
EN13501-1:2018 Fire Requirement	Afl-S1
DIN 4102-2: 1977 Fire Requirement	F30-AB
System Tested to FFH	1.100 mm
EN12825: 2002 Safety Factor	2
EN12825: 2002 Ultimate Load	21kN at the Panels Weakest Point
EN12825: 2002 Working Load	10 kN
Distributed load according to PSA MOB PF2/SPU	>35 kN / m ²
ESD STM7.1 Electrical Resistance (Covering)	Choose Flooring Type
Pedestal	Pedestal Head: SSP
C-Profile	40 x 40 mm C-Profile Material Thickness 2.0 mm
Calcium Sulphate Core Density	1500 kg / m ³

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