

Data & Flooring
Data Sheet Information

SOLIDA DC 10.0

Core Type
38mm chipboard

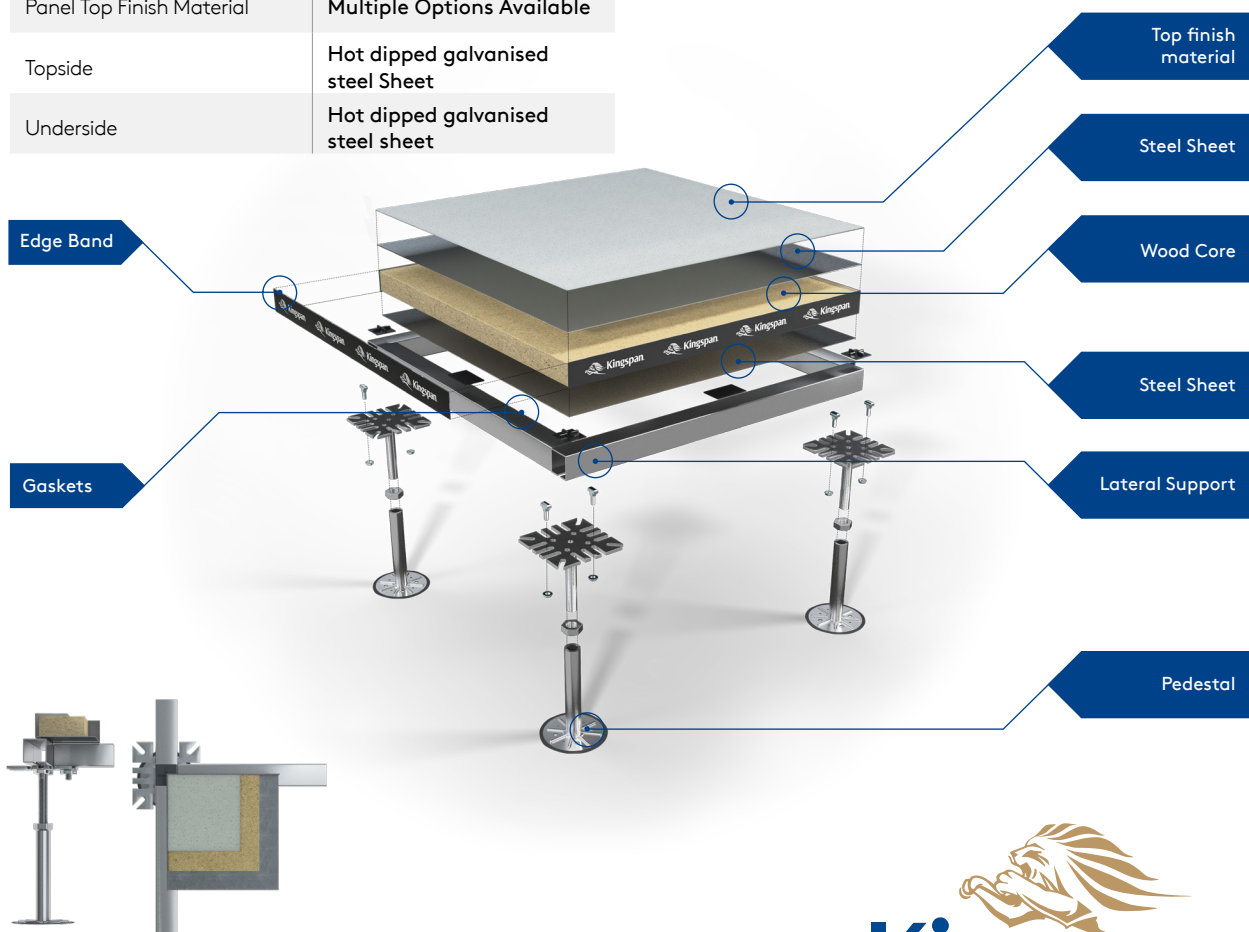
EN12825 Classification
6/A/2

Panel Properties

Thickness	41mm nominal
Dimensions	600 x 600mm
Panel Weight	13kg nominal
Core Material	Woodcore
Edge Banding	ABS
Panel Top Finish Material	Multiple Options Available
Topside	Hot dipped galvanised steel Sheet
Underside	Hot dipped galvanised steel sheet

Understructure Properties @ 1m FFL

Pedestal Type	SSP6 M20
C-profile Type	65 x 40 x 2mm
Pedestal Caps	38 x 38 x 1mm C-PE 4 way



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System Performance

Grid Size	600 x 600mm
Ultimate Load at the Weakest Point	>23kN
Working Load	10kN
Deflection Class	A
Uniformly Distributed Load	50kN/m ²
Rolling Load	20,000 at 3kN

Fire Protection

13501 -1	Bfl- S1
13501 -2	REI60r

Resistance to Earth EN1081

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 to 10 ⁹ ohms

*Resistance to earth values are nominal and may vary between manufacturers

Static Electrical Propensity

EN1815	≤2.0kV
All finishes classified	Antistatic

Sample Specification

Product Discription	Kingspan Solida DC 10.0
EN12825 Load Class Requirement	6
EN12825 Deflection Class	A (No More Than 2.5mm at Working Load)
EN13501-1:2018 Fire Requirement	Bfl-S1
En13501-2: 2016 Fire Requirement	REI60r
System Tested to FFH	1000mm
EN12825 Safety factor	2
EN12825 Ultimate Load	>23kN at the Panels Weakest Point
EN12825 Working Load	10kN
Distributed load according to PSA MOB PF2/SPU	>50kN / m ²
ESD STM7.1 Electrical Resistance (Covering)	Choose Flooring Type
Pedestal	Pedestal Head: SSP or SSL
C-Profile	65 x 40 mm C-Profile Material Thickness 2.0 mm
Wood Core Density	>720 kg / m ³

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Kingspan Data & Flooring Europe
NV Fabriekstraat 4, 3670 Oudsbergen, Belgium
T: +32 11290774
E: DCRAFEurope@kingspan.com

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