



Product Datasheet

Raised Access Floor Panel

Model: DTEC 40

Product : Heavy Duty Woodcore Raised Access Flooring System		
Brand Name: CS Access Floor		
Model No : DTEC 40		
Panel - Woodcore Panel with HPL Finish		
1.	Total System Weight / Sqm	40 Kg
2.	Panel Weight / PC	12 Kg
3.	Concentrate Load	5 KN
4.	Uniform Distributed Load	24 KN / M ²
5.	Ultimate Load	12.5 KN
6.	Impact Load	670 N
7.	Rolling Load	4000 N / 10 Passes & 3200 N / 10000 Passes
8.	Safety Factor	2.5
9.	Density of the Panel	780 Kg / Cbm
10.	Properties of the Material used in the Panel	Galvanized Steel
11.	Top Covering	1.2 mm HPL Finish
12.	Bottom Steel	1 mm Galvanized Steel
13.	Water Absorption After 24H of Immersion	Max. 50%
14.	Size Variation After 24H of Immersion	Max. 11%
15.	Fire Resistance Performance	Class A
16.	Reaction to Fire Performance	Limited Combustible System
17.	Electrical Resistance Performance	10 ⁶ - 10 ⁹ Ω Measured Acc. to HPL Finish
18.	Method of Pedestal Fixing	Pedestal Fixing to the Floor will be Done Using Mechanical Bolting Fixed Through Pre-Drilled Holes in the Pedestal Base Plate.
19.	Sound Protection	
	Normalized Flanking Level Difference Dn, F, W	47 dB - 57 dB (Acc. To DIN EN ISO 140 - 8)
	- Weighted Sound Reduction Index Rw	62 dB - 64 dB (Acc. To DIN EN ISO 140 - 3)
	- Normalized Flanking Impact Sound Pressure Level Ln, F, W	73 dB - 47 dB (Acc. To DIN EN ISO 10848 - 2)
	- Reduction of Impact Sound Pressure Level ΔLw	11 dB - 29 dB (Acc. To DIN EN ISO 10848 - 2)
20.	Finished Floor Height (FFH) of System	FFH 100 - 2000mm



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Pedestal System - Model: DTEC US-P		
1.	Head Plate Dimension	Round Head Pedestal 90 mm Diameter & 2.6 mm Thick
2.	Dimensional Grid Of Pedestal	600 x 600 mm
3.	Vertical Adjustment	20 mm With Twin Lock Nut System
4.	Tube Dimension	38 mm OD steel tube movable cap Continuously Welded to the Base Plate
5.	Foot Plate Size	Square Flat Steel Plate 127 x 127 x 3 mm thick.
6.	Axial Load	36 KN
7.	Gasket	For Panel Alignment at the Top
8.	Pedestal Structure	Galvanized Steel Pedestal with blue passivation Fixed to the Subfloor Using Mechanical Bolting.
Stringer System - Model No: DTEC US-S		
1.	Size of the Stringers	30 mm x 40 mm
2.	Length	536 mm
3.	Steel Thickness	1.5 mm
4.	Stringer Material Used	Galvanized Steel with blue passivated box section and Self - Adhesive Gasket for Sound Proof
5.	Stringer Weight	0.3 kg



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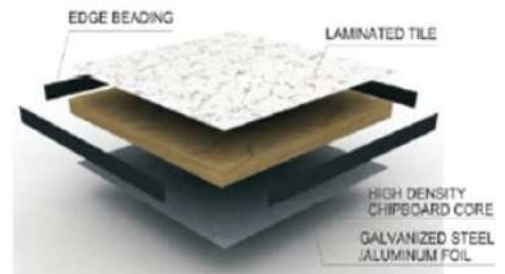
Model: DTEC 40

Product Description :

DTEC 40 is a highly durable raised access flooring system. The panel comprises high density chipboard particles with 1mm thick galvanized steel plate in the bottom for corrosion resistance & 1.2mm thick antistatic HPL finish on the top surface to provide effective electrical resistance. The panel edges are sealed with PVC edge trims to prevent humidity. The system also includes zinc coated anti corrosive height adjustable pedestals with sound insulation gaskets & galvanized steel stringer to provide additional support to the system.

Technical Information :

Panel Size	: 600 x 600 mm
Panel Thickness	: 40 mm
Panel Weight/pc	: 12 Kgs
Safety Factor	: 2.5
Product Composition	: 780 Kg/cbm High Density Chipboard
Maximum Deflection	: 2.0 mm



Load Parameters :

Type	Concentrated Load (N)	Impact Load (N)	Ultimate Load (N)	Uniform Load (N)	Rolling Load
Heavy Duty	5,000	670	12,500	24,000	4000 N for 10 Passes 3200 N for 10,000 Passes

Key Areas of Application :

- Substations
- Datacenters
- Electrical Rooms
- Telephone Rooms
- IDF & MDF Rooms





Product Datasheet Pedestal Support System

Model: DTEC US-P

Product Description :

The pedestals are constructed with galvanized steel and blue passivated for corrosion resistance with gaskets on top of pedestals for additional stability. The pedestal are assembled with steel round flat head fillet welded with stud and base plate fillet welded with tube and connected with internal threaded bush for more stability.



Product : Pedestal Support System		
Model No : DTEC US-P		
<i>Technical Data :</i>		
1.	Threaded Rod	M 20
2.	Pedestal Head	Ø 90 mm
3.	Thickness of Pedestal Head	2.6 mm
4.	Tube	Ø 38 mm OD
5.	Thickness of Tube	2.5 mm
6.	Base Plate	127 x 127 mm
7.	Thickness of Base Plate	3 mm
8.	Axial Load	36 KN
9.	Material	Galvanized Steel with blue passivation



Product Datasheet Stringer Support System

Model: DTEC US-S

Product Description :

The Box type Galvanized steel stringers elevates the lateral stability of floor of heights $\geq 500\text{mm}$, and the vertical reinforcement of the system. The stringers are blue passivated to resist corrosion. The stringer comes along with two slots to accommodate the screws which in turn locks the stringer with the pedestals.

Product : Box Type Stringer Support System		
Model No : DTEC US-S		
<i>Technical Data :</i>		
1.	Dimension	40 x 30 mm
2.	Thickness	1.5 mm
3.	Length	536 mm
4.	Weight	0.3 Kg
5.	Material	Galvanized Steel with blue Passivation

