



## EN 12825 TEST REPORT FOR RAISED ACCESS FLOORS

### PANEL SPECIFICATIONS:

Core material: Chipboard; dimensions: 38\*600\*600 mm, density: 650-700 kg/m<sup>3</sup>

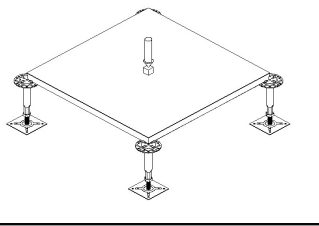
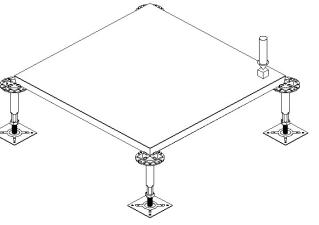
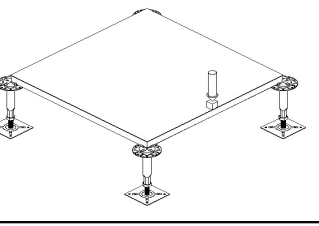

Top surface covering: Heterogeneous PVC; thickness: 2,0 mm

Bottom surface covering: Aluminum Plate; thickness: 0,2 mm

Edge covering: Thick PVC edge band; thickness: 0,4 mm

### TEST RESULTS (EN 12825):

#### STATIC LOAD:

Center of Panel		Load Bearing Capacity (kg)	<b>1230,6</b>	<b>WORKING LOAD: 262,4 kg (2,6 kN) (k=3)</b>  <b>LOAD – DEFLECTION CLASS: 2C</b>
		Load Bearing Capacity (kN)	<b>12,1</b>	
		Deflection at Working Load (mm)	<b>2,06</b>	
70 mm Along Diagonal from Pedestal edge		Load Bearing Capacity (kg)	<b>819,0</b>	
		Load Bearing Capacity (kN)	<b>8,0</b>	
		Deflection at Working Load (mm)	<b>1,43</b>	
Center of Edge 1		Load Bearing Capacity (kg)	<b>787,2</b>	
		Load Bearing Capacity (kN)	<b>7,7</b>	
		Deflection at Working Load (mm)	<b>3,37</b>	
Center of Edge 2		Load Bearing Capacity (kg)		
		Load Bearing Capacity (kN)		
		Deflection at Working Load (mm)		

*Our pedestals of any type and size have a vertical load bearing capacity of minimum 4 times the working load of the system it's to be used with in compliance with EN 12825 standard.*

#### DYNAMIC LOADING:

*All types of our panels pass the "Hard Body Impact Test" and "Soft Body Impact Test" both of which are carried out according to EN 12825 standard.*

#### CLASSES OF LOAD AND DEFLECTION ACC. TO EN 12825 STANDARD:

Classes of Elements	Ultimate Load (kN)
1	≥4
2	≥6
3	≥8
4	≥9
5	≥10
6	≥12

Classes of Deflection	Max. Deflection (mm)
A	2,5
B	3,0
C	4,0