

## SOLIDFEEL ACCESS FLOORING RANGE OF PANELS

	UNIT OF MEASURE	SOLIDFEEL 15	SOLIDFEEL 20	SOLIDFEEL 25	SOLIDFEEL 45	SOLIDFEEL 70
<b>STATIC LOAD</b>						
Concentrated Load (on a 25 x 25mm area)	<b>Kilonewton (kN)</b>	2.9	3.7	4.5	5.6	9.0
	<b>Kilogram (kg)</b>	296	374	459	571	918
	<b>Pound (lbs)</b>	652	825	1012	1259	2023
Uniformly Distributed Load (per m2)	<b>Kilonewton (kN)</b>	8.7	11.0	13.5	15.6	25.0
	<b>Kilogram (kg)</b>	887	1123	1377	1591	2549
	<b>Pound (lbs)</b>	1956	2475	3035	3507	5620
Safety Factor (3 times design load per m2)	<b>Kilonewton (kN)</b>	26.1	33.0	40.5	46.8	75.0
	<b>Kilogram (kg)</b>	2661	3368	4130	4772	7648
	<b>Pound (lbs)</b>	5868	7425	9105	10521	16861

### ROLLING LOADS

200mm x 50mm WHEEL	LOAD 2.05kN	LOAD 2.05kN	LOAD 2.7kN	LOAD 2.7kN	LOAD 6.8kN
NUMBER OF PASSES	10000	10000	30000	3000	10
150 x 38 mm WHEEL	LOAD 2.7kN	LOAD 2.7kN	LOAD 3.25kN	LOAD 3.25kN	LOAD 4.5kN
NUMBER OF PASSES	1000	1000	1000	1000	1000
25mm x 75mm WHEEL	LOAD 2.7kN	LOAD 2.7kN	LOAD 3.6kN	LOAD 4.50kN	LOAD 5.5kN
NUMBER OF PASSES	5	5	5	5	5

### IMPACT LOAD

	40kg	40kg	55kg	65kg	80kg
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### PANEL SPECIFICATIONS

Panel size	600 x 600	600 x 600	600 x 600	600 x 600	600 x 600
Top sheet thickness	0.7mm	0.7mm	0.9mm	1.1mm	2.00mm
Bottom sheet thickness	0.8mm	1.0mm	1.0mm	1.3mm	1.3mm
Panel mass (approx)	13.00kg	13.68kg	14.27kg	16.37kg	19.84kg
Fire test	60min(CLASS 1)	60min(CLASS 1)	60min(CLASS 1)	60min(CLASS 1)	60min(CLASS 1)

### PAINT SPECIFICATION

Panels: Epoxy powder coated with an electro coated alternative

Understructure: Electro galvanised with an electro coated alternative

### PEDESTAL ASSEMBLY

Axial load	<b>Kilonewton (kN)</b>	22.7	22.7	22.7	22.7	22.7
	<b>Kilogram (kg)</b>	2315	2315	2315	2315	2315
	<b>Pound (lbs)</b>	5103	5103	5103	5103	5103

Pull test on pedestal base 10kg(installation test) 10kg(installation test) 10kg(installation test) 10kg(installation test) 10kg(installation test)

### ALL STEEL PANELS

	SERVERN 50	SERVERN 70	AIRFLOW 50	AIRFLOW 70
Panel size	600 X 600	600 X 600	600 X 600	600 X 600
Top sheet thickness	1.8mm	2.0mm	1.8mm	2.0mm
Bottom sheet thickness	1.4mm	1.8mm	1.4mm	1.8mm

