



Aluminum Access Floor Panels & Grates Performance Selection Charts

3000 Series

System Type	System Weight	Static Loads ¹				Rolling Loads ²		Impact Loads
		Concentrated Loads ³	Top Surface Deflection	Uniform Loads	Ultimate Loads	10 Passes	10,000 Passes	
Solid Panels Bolted Stringer, Stringerless, Cornerlock	6.5 lbs/sqft 32 kg/sqm	1250 lbs 567 kg	.100 inch 2.54 mm	375 lbs/sqft 17.9 kPa	2500 lbs 1134 kg	1000 lbs 454 kg	1000 lbs 454 kg	150 lbs 68 kg
Perforated Panels Bolted Stringer, Stringerless, Cornerlock	6.25 lbs/sqft 31 kg/sqm	1250 lbs 567 kg	.100 inch 2.54 mm	375 lbs/sqft 17.9 kPa	2500 lbs 1134 kg	1000 lbs 454 kg	1000 lbs 454 kg	150 lbs 68 kg
Grates Bolted Stringer, Stringerless, Cornerlock	7.25 lbs/sqft 35 kg/sqm	1250 lbs 567 kg	.100 inch 2.54 mm	375 lbs/sqft 17.9 kPa	2500 lbs 1134 kg	1000 lbs 454 kg	1000 lbs 454 kg	150 lbs 68 kg

Note:

1. Loads to be applied anywhere on panel; permanent set after application of concentrated load shall be 0.010”.
2. Local and beam top surface deformation shall not exceed 0.040”, 10 pass test uses a 3” x 1-13/16” wide phenolic wheel 10,000 pass test uses an 8” x 5” wide alathane wheel.
3. Loads applied on a one square inch area. Results above indicate weakest point of panel.

1250 Series⁴

System Type	System Weight	Static Loads				Rolling Loads		Impact Loads
		Concentrated Loads	Top Surface Deflection	Uniform Loads	Ultimate Loads	10 Passes	10,000 Passes	
Solid Panels Bolted Stringer, Stringerless, Cornerlock	6.5 lbs/sqft 32 kg/sqm	1250 lbs 567 kg	.100 inch 2.54 mm	375 lbs/sqft 17.9 kPa	2500 lbs 1134 kg	1000 lbs 454 kg	1000 lbs 454 kg	150 lbs 68 kg
Perforated Panels Bolted Stringer, Stringerless, Cornerlock	6.25 lbs/sqft 31 kg/sqm	1250 lbs 567 kg	.100 inch 2.54 mm	375 lbs/sqft 17.9 kPa	2500 lbs 1134 kg	1000 lbs 454 kg	1000 lbs 454 kg	150 lbs 68 kg
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1. Loads applied on a one square inch area. Results above indicate weakest point of panel.

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For more information on Aluminum Access Floating Floors, visit raisedaccessfloors.com, call us at 888.578.3771 or send an [email](#).