

# IP44 Non-suspended Ceiling with InnovaCELL™ Technology

AWIP ALLOWABLE LOAD TABLE

## IP44 Allowable Load Table (PSF), Non-Suspended Ceiling

Exterior/Interior Profile	Panel Thickness	Panel Weight	Uniform Load	
			10 psf	20 psf
Mesa/Mesa or Mesa/Flat	2	2.22 psf	12'-3"	9'-2"
	2.5	2.34 psf	14'-4"	10'-10"
	3	2.41 psf	16'-3"	12'-4"
	4	2.62 psf	19'-9"	15'-2"
	5	2.82 psf	22'-11"	17'-8"
	6	2.98 psf	25'-9"	19'-11"
	8	3.31 psf	30'-11"	24'-0"
Flat/Flat or Flat/Mesa	2	2.22 psf	11'-8"	8'-7"
	2.5	2.34 psf	13'-8"	10'-1"
	3	2.41 psf	15'-7"	11'-7"
	4	2.62 psf	19'-0"	14'-3"
	5	2.82 psf	22'-1"	16'-9"
	6	2.98 psf	24'-11"	19'-0"
	8	3.31 psf	30'-1"	23'-0"

### Notes:

1. Allowable loads are live loads only. Self weight of panels have been taken into consideration.
2. Table is based on values derived from transverse load testing per ASTM E72 and clip strength.
3. Panel Properties are based on **26 gauge exterior** and **26 gauge interior** facings. Inquire about other gauges.
4. The deflection limit criteria is L/180.
5. Safety Factor = 2.5 for buckling, 3.0 for core shear.
6. Table applicable for ambient, controlled environment and cold storage applications. Inquire about hot rooms.
7. Collateral loads must be directly supported by the building framing and not by the ceiling panels.
8. Consult your AWIP representative for project specific calculations.
9. Load tables are subject to change without notice – visit [www.awipanel.com](http://www.awipanel.com) for the latest information.



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