

LOAD-BEARING UNDER NORMAL CONDITIONS

The load capacity of the ceiling systems is tested in accordance with the principles set by the EN 13964 standard, 2004. The load capacity is expressed as a combination of the deflection classes, the humidity classes, the net weight and the built-in weight.

Under normal conditions of 70% RH and 25° and the allowed deflection of max. L/300 mm, the tensile strength and the load bearing capacity of Knauf Danoline products is as follows:

Load	Products	Formats	Perforation
30 N	Markant	600x600x12.5; 625x625x12.5; 500x500x9.5	G, Q, M, R
	Belgravia	600x600x12.5; 625x625x12.5	G, Q, M, R
	Plaza	600x600x9.5; 625x625x9.5	G, Q, M, R
	Corridor 400	400x2400x12.5	G, Q, M, T, R
No Load	Unity 6 System	600x600x12.5	U6
	Contur	600x600x12.5; 625x625x12.5	G, Q, M, T, R
	Visona	400x1200x12.5	T
	Linear	600x600x12.5	G, Q, M, R
	Markant	600x1200x12.5; 625x1250x12.5	G1F, Q1F, M1F, R
	Markant	600x600x12.5; 625x625x12.5	T
	Belgravia	600x1200x12.5; 625x1250x12.5	G1F, Q1F, M1F, R
	Belgravia	600x600x12.5; 625x625x12.5	T
	Plaza	600x1200x9.5; 625x1250x9.5	G1F, Q1F, M1F, R
	Plaza	600x600x12.5; 625x625x12.5	T
	Danotile	600x1200x6.5	R
	Corridor Swing	600xmax.1800x12.5	G, Q, M, R
	Designpanel	900x2700x12.5	G1F, Q1F, M1F, T3L1, T3L3, R
	Designpanel	1200x2400x12.5	T4L4
	Danopanel	600x600x12.5	G, Q, M, R