

LOAD-BEARING UNDER EXTREME 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 extreme conditions of 90% RH and 30° 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
170 N	Corrido F30	300xmax.2800	G, Q, M, R
	Danotile	600x600x9.5; 625x625x9.5	R
30 N	Designpanel	1200x2400x12.5	G2F, Q2F, M2F, R
	Tectopanel	600x2400x12.5	G, Q, M, R
	Contrapanel	600x1200/1800/2400x12.5	G1F, R
	Markant	600x1200x12.5; 625x1250x12.5; 500x500x9.5	G, Q, M, R
No Load	Belgravia	600x1200x12.5; 625x1250x12.5	G, Q, M, R
	Plaza	600x1200x9.5; 625x1250x9.5	G, Q, M, R
	Danotile	600x600x9.5; 625x625x9.5	R
	Corridor 400	400x2400x9.5	G, Q, M, R
	Tectopanel	600x2400x12.5	T
	Danopanel	600x600x12.5	G, Q, M, R