

Load requirements are a key component when selecting architectural joint systems for floor applications. If there is load in excess of the system design, it can result in system failure. This can result in danger to pedestrians and damage to vehicles.

All JointMaster floor systems are load rated to meet your requirements for pedestrian or vehicular traffic. Our systems have been rated using two International Standards: DIN 1055 and DIN 1072.

For specific loading details, please refer to the specification charts or contact a sales

## Loading Details

Vehicle Type	International Standard	Total Load		Individual Wheel Load		Contact Area	
		US Ton	kN	US Ton	kN	US	mm
Fork Lift	DIN 1055	1.7	15	0.7	6	8" x 8"	200 x 200
		2.8	25	1.1	10	8" x 8"	200 x 200
		3.9	35	1.7	15	8" x 8"	200 x 200
		7.8	70	3.6	32.5	8" x 8"	200 x 200
		14.6	130	6.7	60	8" x 8"	200 x 200
Automobile	DIN 1072	2.8	25	0.7	6	8" x 8"	200 x 200
Truck	DIN 1072	6.7	60	2.2	20	8" x 8"	200 x 200
		10.1	90	3.3	30	8" x 10"	200 x 260
		13.5	120	4.5	40	8" x 12"	200 x 300
		33.7	300	5.6	50	8" x 16"	200 x 400
		67.4	600	11.2	100	8" x 24"	200 x 600

NOTE: DIN1055 and DIN 1072 are internationally recognized as the most rigorous load rating standards. These standards define load magnitudes, vehicle types and wheel contact areas from which the load ratings of the Architectural Joint Systems are derived.