

## MAT HEIGHTS · LOAD · TRAFFIC

Entrance Matting Systems	Indoor Area	Indoor Area	Mat height	Traffic <sup>1)</sup>	Permissible static load kg per 100 cm <sup>2</sup> of area	
	page	page			mat laid supported	mat laid self-supporting <sup>2)</sup>
Top Clean LIGHT	34	–	ca. 10 mm	normal	7,000 kg	–
Top Clean TREND®	36	50	ca. 12 mm	normal	6,000 kg	–
Top Clean STABIL	40	56	ca. 12 mm	strong	8,000 kg	–
Top Clean TREND®	36	50	ca. 17 mm	medium	5,000 kg	200 kg
Top Clean STABIL	40	56	ca. 17 mm	strong	8,000 kg	250 kg
Top Clean TREND®	36	50	ca. 22 mm	medium	5,000 kg	300 kg
Top Clean TREND® XL	38	52	ca. 22 mm	medium	5,000 kg	300 kg
Top Clean STABIL	40	56	ca. 22 mm	strong	8,000 kg	550 kg
Top Clean STABIL XL	42	58	ca. 22 mm	strong	7,000 kg	550 kg
Top Clean TREND®	36	50	ca. 27 mm	medium	5,000 kg	500 kg
Top Clean STABIL XL	42	58	ca. 27 mm	strong	7,000 kg	550 kg
Top Clean OBJEKT	44	60	ca. 22 mm	high	10,000 kg	600 kg
Top Clean HIGH	46	62	ca. 42 mm	high	6,000 kg	800 kg

- 1) Normal = up to 2,800 footfalls per day; heavy load = above 2,800; extremely heavy load = above 5,100.
- 2) Maximum distance between supports: 300 mm (carrying capacity has to be tested for safety when dirt collecting trays are installed).
- 3) Trafficability of mats with brush cassettes and scraper bars is limited. Avoid accelerating, braking, and manoeuvring on the mats!

Load per wheel	A fully supported mat is suitable to drive over with permissible dynamic load <sup>3)</sup> :						
	wheel chair	luggage trolley	shopping trolley	transport trolley	lift truck	car	fork lift truck
225 kg	■	■					
200 kg	■	■					
250 kg	■	■	■	■			
210 kg	■	■	■	■			
350 kg	■	■	■	■	■		
220 kg	■	■	■	■	■		
220 kg	■	■	■	■	■		
450 kg	■	■	■	■	■	■	
450 kg	■	■	■	■	■	■	
220 kg	■	■	■	■	■	■	
450 kg	■	■	■	■	■	■	
700 kg	■	■	■	■	■	■	■
650 kg	■	■	■	■	■	■	■

**Performance test at Bielefeld University of Applied Sciences:** The dynamic performance tests were executed at the independent Bielefeld University of Applied Sciences. The tests examined the performance of our aluminium mats by exposing them to different pressure ranges and driving over them with lift trucks.

**Performance test at the Department of Civil Engineering at Munich University of Applied Sciences:** A testing machine with a capacity of 100 t examined the static capacity of our mats with a 10x10 cm (=100 cm<sup>2</sup>) pressure hull. The test laboratory at Munich University has been approved by the German Center of Competence in Civil Engineering (DIBt).