

Load · Traffic

Aluminium Profile Mat Top Clean	Mat Height				
	ca. 10 mm	ca. 17 mm	ca. 22 mm	ca. 27 mm	ca. 42 mm
Top Clean TREND® (indoor area page 26 · outdoor area page 42)	•	•	•	•	–
Top Clean TREND® XL (indoor area page 28 · outdoor area page 44)	–	–	•	–	–
Top Clean STABIL (indoor area page 32 · outdoor area page 48)	•	•	•	–	–
Top Clean STABIL XL (indoor area page 34 · outdoor area page 50)	–	–	•	•	–
Top Clean OBJEKT (indoor area page 36 · outdoor area page 52)	–	–	•	–	–
Top Clean HIGH (indoor area page 38 · outdoor area page 54)	–	–	–	–	•
Top Clean LIGHT (indoor area page 30)	•	–	–	–	–
Top Clean BRUSH (outdoor area page 47)	–	•	•	–	–
Safe Clean TREND (indoor area page 61)	–	•	•	–	–



Survey of loading and traffic for Top Clean Mats

Top Clean entrance mat	Traffic ¹⁾	Permissible static load in kg per 100 cm ² of area		Crossable with lift trucks or similar up to total weight	A fully supported mat is suitable to drive over with permissible dynamic load ³⁾ :					
		Mat laid supported	Mat laid self-supporting ²⁾		Wheel chair	Shopping trolley	Transport trolley	Lift truck	Car	Fork lift truck
LIGHT 10	normal	3.000 kg	–	350 kg	•	–	–	–	–	–
TREND® 10	normal	3.000 kg	–	350 kg	•	–	–	–	–	–
STABIL 10	heavy	6.000 kg	–	1.000 kg	•	•	•	–	–	–
TREND® 17	normal	3.000 kg	200 kg	500 kg	•	•	•	–	–	–
STABIL 17	heavy	6.000 kg	250 kg	1.200 kg	•	•	•	•	–	–
TREND® 22	normal	3.000 kg	300 kg	800 kg	•	•	•	•	–	–
TREND® XL 22	normal	3.000 kg	300 kg	800 kg	•	•	•	•	–	–
STABIL 22	heavy	6.000 kg	550 kg	1.600 kg	•	•	•	•	•	–
STABIL XL 22	heavy	6.000 kg	550 kg	1.600 kg	•	•	•	•	•	–
TREND® 27	normal	3.000 kg	500 kg	800 kg	•	•	•	•	•	–
STABIL XL 27	heavy	6.000 kg	550 kg	1.600 kg	•	•	•	•	•	–
OBJEKT 22	extreme	10.000 kg	600 kg	2.500 kg	•	•	•	•	•	•
HIGH 42	extreme	10.000 kg	800 kg	3.000 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!

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. We are happy to send you recent test results on enquiry.

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 cm²) pressure hull. The test laboratory at Munich University has been approved by the German Center of Competence in Civil Engineering (DIBt). We are happy to send you recent test results on enquiry.

