

Terra Access

GROUND PROTECTION MATS FOR ACCESS AND SURFACE PROTECTION



Modular ground protection mats made from 100% recycled polyethylene (LDPE) for temporary access roads, working platforms and surface protection — grass, mud, gravel and asphalt. Laid by hand, joined with connectors and lifted without a trace; reusable.

Common properties

- Material: 100% recycled LDPE
- Temperature resistance: -40 to $+70$ °C
- Weather and UV resistant; do not absorb water or rot
- Processing: cutting, drilling, milling, forming, welding
- Optional: handles and holes, logo printing

Three versions

Version	Surface	Thicknesses	Use
Standard	1 mm structure, slip-resistant	6–20 mm	Most jobs, light and medium machinery
Heavy-duty	4 mm structure, reinforced profile	18 · 22 mm	Heavy machinery, intensive traffic
Double-sided	Face 2 mm / reverse 4 mm	16 · 20 · 24 mm	Mud, slopes, mixed traffic

Load capacity

Standard — static load capacity in t/m^2 by ground type:

Thickness	Soft ground	Compacted ground	Ideal base
15 mm	15 t/m^2	30 t/m^2	60 t/m^2
20 mm	25 t/m^2	45 t/m^2	100 t/m^2

Double-sided — minimum load capacity according to the manufacturer:

Thickness	Unpaved, wet	Unpaved, dry	Paved
16 mm	7.5 t	15 t	30 t
20 mm	10 t	25 t	45 t
24 mm	12 t	27 t	50 t

Heavy-duty — load capacity for heavy plant and cranes is confirmed per project.

Standard — sizes (black)

Size L × W (mm)	Thickness (mm)	Weight (kg)	Boards / pallet
2000 × 1000	15	27.3	25
2000 × 1000	20	36.7	20
2000 × 800	12	17.3	30
2000 × 800	15	21.8	25
2000 × 1200	15	32.7	25
2400 × 1200	8	20.3	45
2400 × 1200	15	39.3	25
2400 × 1200	20	52.8	20
3000 × 1000	15	40.9	25
3000 × 1000	18	49.4	20
3000 × 1000	20	55	20
3000 × 1500	6	23.3	60
3000 × 1500	18	74	20–25

Neutral (grey) colour available on request.

Heavy-duty — sizes (black)

Size L × W (mm)	Thickness (mm)	Weight (kg)	Boards / pallet
2000 × 1000	18	31.2	25
2000 × 1000	22	38.1	25
2400 × 1200	18	44.9	25
2400 × 1200	22	54.8	25
3000 × 1000	18	46.8	25
3000 × 1000	22	57.1	25

Double-sided — sizes (black or neutral)

Size L × W (mm)	Thickness (mm)	Weight (kg)	Boards / pallet
2000 × 1000	16	22.2	45
2000 × 1000	20	29.7	38
2000 × 1000	24	37.2	30
2400 × 1200	16	32	30
2400 × 1200	20	42.8	26
2400 × 1200	24	53.7	20

Accessories

Item	Purpose
H-connector	Joins two boards via their handles on even ground. Versions for boards under and over 15 mm.
Single connector	Joins two boards through the corner holes — plastic base, steel plate and bolts.
4-way connector	Joins up to four boards at one point.
U-connector	Joins and anchors two boards into the ground; for non-hard surfaces.
Hook	Moving boards and pulling out U-connectors.
Transport box	Galvanised steel, stackable — for 2000 × 1000 and 2400 × 1200 mm boards.
Accessory box	500 × 250 × 250 mm or 600 × 350 × 350 mm.

Do not fully tighten connector bolts — the joint needs slight play under load. Do not use power tools to tighten.

Public procurement and delivery

- We submit bids in public procurement procedures and for framework agreements.
- We provide data sheets and available certificates for tender documentation.
- 100% recycled material — suitable for green public procurement criteria.
- Stock in Croatia. Lead time 1–4 weeks depending on product and quantity. Delivery and installation by arrangement.

Technical data according to manufacturer documentation. Load values are indicative and depend on ground, temperature, contact area and type of load; the final recommendation is confirmed per project. Subject to technical changes. Edition 09/2026.