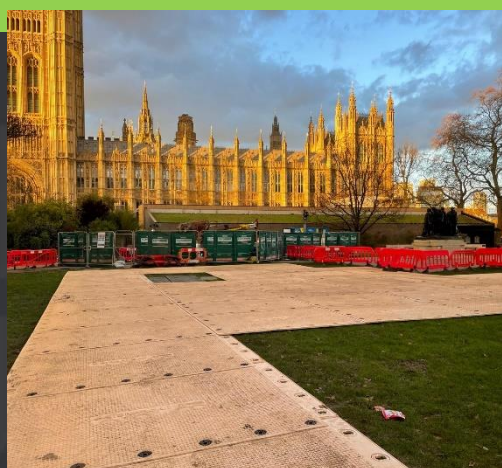


## Grassform HD Overlap

### Grassform Product Guide



- » Heavy Duty Roadways and compound areas.
- » Interconnected design ensures a seamless, trip-free platform, even under extreme conditions.
- » Engineered for exceptional strength and extended lifespan
- » Dual-sided mat with a heavy-duty surface grip, designed for multi-traction use on inclines and cambers, while providing a pedestrian-friendly surface for walkways and flooring.
- » Chemically inert and fully recyclable, making it an ideal choice for SSSI and eco-sensitive sites
- » Suitable for the following industries: Construction, Transmission, Rail, Geotechnical, Utilities, Telecoms, Heavy Haulage and Cranes, Portable Accommodation, Events and Sports, Wind and Solar





## Features

Grassform HD Overlap is a heavy-duty composite matting system made from 100% HDPE, engineered to withstand and evenly distribute extreme weights and rolling loads across large surface areas. Ideal for creating seamless, portable roadways and work platforms on sensitive or challenging surfaces, HD Overlap features a four-sided overlapping flange for optimal weight distribution and an integrated locking system to ensure secure connections between mats.

**Surface Traction:** HD Overlap is a dual-sided mat, with a vehicular traction surface on one side and a pedestrian traction surface on the other. The mats can be used on either side and are connectable in any direction.

## Material Properties

Material:	HDPE (100% Recyclable)
Max Allowable Force (CBR10*)	252 Tonne
Yield Strength	21MPa
Maximum Deflection at Yield	38.1mm
Slip/Skid Resistance	45PTV
Young's Modulus	965MPa
Density	1076kg/m3
Sheer Strength	365MPa
Panel Bearing load per axle per panel	12 Tonnes

## Technical Specifications

Material: HDPE (100% Recyclable)

### Dimensions

Length:	1900mm
Width:	2800mm
Depth:	63mm
Weight:	225kg
Useable Surface Area:	5.3m2

## Compression Testing

CBR	0.5	5	10	25	50	100
Deflection (mm)	25.4	8.6	6.4	3.8	2.5	1.8

