



Ground reinforcement system

ECOGRID[®] E50

Technical Data
Product features



ECOGRID® E50 - The indestructible grid

The perfect solution for heavy-duty gardening and landscaping.



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|-----------------|--------------|-------------------|
| Weight per sq m | Wall height | Laying time |
| 9.55 kg | 50 mm | 100 sq m/h |

Technical specifications

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|-----------------------|---|
| Dimensions | 330 x 330 x 50mm |
| Wall thickness | 5.0mm |
| Carrying load | Up to 1000+ t per sq m (filled) |
| Weight per sq m | 9.55 kg |
| Weight per unit | 1.06 kg |
| Wall height | 50mm |
| Material | 100% recycled PE (polyethylene) |
| Pressure resistance | Up to 40 t axle load in acc. with DIN 1072 |
| Dimensional stability | Temperature range -50° to +90° |
| Deformation | 0.5% (at normal temperatures +20 to +80 °) |
| Moisture absorption | 0.01% |
| Solubility | Resistant to acids, alkalis, alcohols, oil and petrol (de-icing salt, ammonia, acid rain, etc.) |

Delivery units

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|-------------------|---|
| Packaging unit | 1 layer (= 12 pieces = 1,33 sq m) |
| Layer per pallet | 43 Direct - 41 UK |
| Sq m per Pallet | 57.33 sq m Directly - 54.66 sq m UK Haulage |
| Pieces per pallet | 516 Direct - 492 UK |
| Dimensions | 105 x 135 x 229cm |
| Weight per pallet | 560 kg (incl. Pallet) |

Certificates

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|----------------|--|
| TÜV | unlimited lifespan |
| DIN 1072 | Carrying load up to 40 t axle load |
| DIN 38412 | Environmentally neutral |
| DIN 1072 | Road and footbridges |
| DIN EN ISO 124 | B125 requirements for coverings on car parking areas |

Suitable for

Gardening and landscaping
 Trade fair flooring, Loading areas, Logistics surfaces, Storage areas and landfills, Open-air events, Temporary surfaces, Aviation, Camping, Golf, Rainwater retention, Erosion protection, Railway and tramway construction, Entrances and exits, Lay-bys, Roundabouts, Traffic islands, Soft shoulders, Escape routes, Emergency access routes, Parking areas, Construction site access roads, Stabilisation of slopes and embankments, Pond and riverbank reinforcement, Footpaths and cycle lanes, Parks, Town and village squares

