

# TurfMesh

## Grass Reinforcement Mesh

### Technical Specification & Installation Guide



TurfMesh is a grass protector which is great for use on green surfaces employed for occasional vehicle and light pedestrian use.

With a natural appearance, this strong and durable meshing is brilliant for use on grassy areas that are prone to wear and rutting. TurfMesh is made from high density polyethylene and is protected against rot, chemicals and UV damage; it's also hardwearing, long lasting and simple to install.

Available in three different grades, you'll find a TurfMesh product perfect for your needs whether you're dealing with light, medium or heavy grass use.

TurfMesh 1000 is suitable for use by pedestrians and also vehicles with a weight of up to two tonnes - for heavy duty applications take a look at TurfMesh 1400 and TurfMesh 1800.

It also has an impressive life span, with the majority of products lasting at least 10-20 years, depending on the quality of the installation and other factors including weather, frequency of use and the weight of vehicles using the product.

TurfMesh is flexible, easy to install has a highly unobtrusive design. Once installed there's no need to worry about your grass because the anti-slip surface of the reinforcement mesh, its resistance to rot, chemicals and UV damage, along with its natural appearance will leave it barely noticeable.

### What are SuDS?

Sustainable drainage systems (SuDS) are drainage solutions that provide an alternative to the direct channelling of surface water through networks of pipes and sewers to nearby watercourses.

By mimicking natural drainage regimes, SuDS aim to reduce surface water flooding, improve water quality and enhance the amenity and biodiversity value of the environment. SuDS achieve this by lowering flow-rates, increasing water storage capacity and reducing the transport of pollution to the aquatic environment.

The need for alternative drainage such as SuDS is likely to increase to meet environmental challenges such as climate change and population growth. Provision for SuDS and the national standards required for their design, construction, maintenance and operation is included in the Flood & Water Management Act 2010

### Useful Resources

Flood & Water Management Act 2010

Code for Sustainable Homes

Planning Policy Statement 25

High level of reinforcement

Permanent or Temporary

No Excavation Required

Slip-Resistant EVA Weave

Fast and Simple Installation

TurfMesh is a **grass protector** which is great for use on green surfaces employed for **vehicle** and **pedestrian** use.

TurfMesh will help to protect grassed areas against **erosion**, **rutting** and **puddling** for **temporary** or **permanent** applications

Suitable for:

Paths & Walkways

Wheelchair Access

Emergency Vehicle Access

Overflow Car Parking

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### Product Guide

TurfMesh can be laid on either existing grassed or on newly landscaped areas

Protects grass blade, root and rootzone soil to ensure year round use of your green areas

Reduces mud and soil migration during winter months, keeping homes, shops and event areas cleaner

Double-sided design makes it ideal for both pedestrians and vehicles with an anti-slip weave to provide more traction



TurfMesh is best laid between spring and autumn during the grass growth season

### Technical Data

	TurfMesh 1000	TurfMesh 1400	TurfMesh 1800
MATERIALS	Polyethylene & EVA	Polyethylene & EVA	Polyethylene & EVA
STRUCTURE	Rhomboidal	Rhomboidal	Rhomboidal
COLOUR	Green & Brown	Green & Brown	Green & Brown
WEIGHT KG/M <sup>2</sup>	1.0kg/m <sup>2</sup>	1.4kg/m <sup>2</sup>	1.8kg/m <sup>2</sup>
MD TENSILE STRENGTH	6.5k/Nm	9.5k/Nm	11.5k/Nm
MD ELONGATION	25%	25%	25%
RESIDUAL THICKNESS AT 500 kPA	50%	50%	50%
SLIP RESISTANCE TEST	BS7976:1-3	BS7976:1-3	BS7976:1-3
THICKNESS	9mm	11mm	13mm
ROLL SIZES	1m x 10m 2m x 10m 2m x 20m	1m x 10m 2m x 10m 2m x 20m	1m x 10m 2m x 10m 2m x 20m
ROLL WEIGHT	1m x 10m 2m x 10m 2m x 20m	10kg 20kg 40kg	14kg 28kg 56kg
			18kg 36kg 72kg

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*The extensive range of products we stock is tailored to cater for the needs of our clients, which we complement with unrivalled customer service and friendly, knowledgeable staff. We strive to build long-term working relationships with each of our customers to provide the best value for money without compromising on quality or service.*