

TreadGUARD1500



- | Excellent Puncture Resistance
- | Protects Membranes from Damage
- | 100% Recycled
- | Cuts CO2 Emissions by up to 62%*
- | Non Compressive and Rot Proof
- | Complies with BS 8102:2009 and BBA Approved Systems

Description

Visqueen TreadGUARD1500 is a tough heavy duty 100% recycled board designed to have high compressive strength to protect the membrane from following trades, positioning of reinforcement, etc. TreadGUARD1500 is easy to handle, rot proof and is compatible with other waterproofing systems. The boards are supplied in 1m x 2m.

TreadGUARD has been independently tested against market alternatives including 3mm bituminous board for puncture resistance using test method BS EN 12691: 2001 - 'Impact Resistance'. An impactor head of 10 mm diameter and 1 kg was used, and at various drop heights to determine the puncture level. The results show that TreadGUARD1500 has a greater impact resistance. Impact test results are declared below.

Application

TreadGUARD1500 protects loose laid membranes against damage from following trades or the process of positioning spacers and reinforcement prior to laying a reinforced concrete slab.

In general we recommend the use of Visqueen ProtectandDrain in external vertical applications. However, TreadGUARD1500 can be used where there are changes from vertical to horizontal.

Compliance

Visqueen TreadGUARD1500 complies with the recommendations BS 8102:2009 "Code of practice for protection of below ground structures against water from the ground" and BBA Certificates (94/3009, 10/4780, 01/3820, 10/4754) for the protection of membranes from puncture.

Carbon Footprint*

Visqueen TreadGUARD1500 has a carbon footprint of 1.146 CO₂e per tonne of polyethylene using the reprocessing model from the EDIP database. This equates to a 62% reduction as compared to a virgin board manufactured in the UK.

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STRUCTURAL WATERPROOFING
 AND GAS PROTECTION SYSTEMS

Installation

Horizontal Applications

TreadGUARD1500 boards are positioned above the membrane loose laid and butt jointed. Joints to be taped with VisqueenPro Single Sided Jointing Tape applied equidistant over the junction. Apply pressure to the tape to ensure adhesion. Ensure surfaces are clean and dry prior to application of tape.

TYPICAL PROPERTIES

Typical Properties

Length	2m	
Width	1m	
Impact Resistance BS EN 12691:2001 (10mm diameter head and 1kg)	200mm Height - No Puncture	300mm Height - No Puncture
Taped Joints	VisqueenPro Single Sided Jointing Tape	
Compression Loading	5047 kN/m ²	

The information given in this datasheet is based on data and knowledge correct at the time of printing. Statements made are of a general nature and are not intended to apply to any use or application outside any referred to in the datasheet. As conditions of usage and installation are beyond our control we do not warrant performance obtained but strongly recommend that our installation guidelines and the relevant British Standard Codes of Practice are adhered to. Please contact us if you are in any doubt as to the suitability of application.

SPECIFICATION SUPPORT

The following items are available to view online or to download from www.visqueenbuilding.co.uk

- Technical Datasheets
- Typical installation CAD details
- Health and Safety data

Register online for access to NBS Clauses and for information about our CPD Seminars



TECHNICAL SUPPORT

For advice on detailing or installation call Visqueen Building Products Technical Help Line 0845 302 4758. Pricing & Availability may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 0845 302 4758.