

Cl/SfB	(43)	Tn6
CAW M50		
Uniclass L536:P7113		
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KEY BENEFITS SUMMARY

- Provides a continuous barrier substrate which is stable and moisture resistant
- Cuts down installation time as it can be installed over damp and contaminated substrates
- Can eliminate or reduce the need for mechanical preparation
- Compatible with a range of Tremco flooring adhesives
- Can be installed onto sand cement screeds and concrete with a structural DPM included in the construction up to a moisture content of 97% RH (99.9% theoretical)
- Can be installed onto sand cement screeds and concrete without a structural DPM included in the construction up to a moisture content of 92% RH
- Suitable for heated concrete and sand cement screeds provided the surface temperature does not exceed 27°C in accordance with BS 8203 and BS 5325

PRODUCT INFORMATION

Description

Tremco ES500 Kwiklay DPM is a specially coated fibreglass underlay which is moisture resistant to damp with resin peduncles on the underside.

Usage / Purpose

- Tremco ES500 Kwiklay DPM is a low permeability material designed to overcome the problems sometimes encountered in laying sheet floorings over new or old subfloors.
- Tremco ES500 Kwiklay DPM can be laid over a variety of surfaces, such as old resilient and ceramic floor coverings, metal, access floors, subfloors contaminated with oil or paint, or damp subfloors.
- Tremco ES500 Kwiklay DPM is suitable for general pedestrian and light commercial applications.

LIMITATIONS

Tremco ES500 Kwiklay DPM should NOT be used:

- In areas that are subjected to heavy wheeled traffic. Maximum point-loading must not exceed 3 N/mm²
- On sub-bases that are subjected to hydro-static/osmotic pressure
- On ground floor timber-bases that are not adequately ventilated
- On ground floor woodblocks/wood mosaics
- On ground floor magnesite, granwood or other composition floors
- On damp calcium sulfate/gypsum screeds

Colour

Anthracite Grey with peduncle backing

Dimensions

Thickness	1.5 mm
Roll Width	1.45 m
Average Length	25 m

Availability

Direct from Tremco Illbruck (see back of leaflet for address and telephone details) or via approved distributors.

TECHNICAL INFORMATION

Composition

A fibre reinforced PVC underlay.

USAGE GUIDELINES

Standards

- All aspects of the installation must be in accordance with the requirements of BS8204, BS8203 (Installation of Resilient floorcoverings) or BS5325 (Installation of Textile floorcoverings) and supplementary specifications.
- Whilst Tremco ES500 Kwiklay DPM enables the installation of Floor coverings over damp subfloors, the system does not constitute a damp proof membrane as detailed in BS 8204.

ES500

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Moisture Testing

(in accordance with British Standards 8203)

- Hygrometer readings must be taken and recorded.
- The sealing effect of concrete curing compounds and over-trowelled concrete will extend the time taken for the hygrometer to reach equilibrium.
- Subfloor measurement readings of up to 97% RH (measurable) can be accommodated with the system (99.9% theoretically).

Surface Preparation

- The subfloor should be reasonably smooth and flat. Any indentations should be filled with the appropriate Tremco moisture tolerant smoothing compound prior to the laying of the Tremco ES500 Kwiklay DPM material.

Method of Installation

- Tremco ES500 Kwiklay DPM should be rolled out, with the peduncles on the underside (reverse rolling may be required at low temperatures), and cut into the perimeter.
- The underlayment should lay flat with no distorting bumps. Joints should be abutted and taped using Tremco approved water proof jointing tape. All air must be excluded.
- Tremco ES500 Kwiklay DPM should be laid in the same direction as the finishing flooring, but the positions of the joints should not correspond.

- Most floorcoverings can be adhered to Tremco ES500 Kwiklay DPM with the appropriate Tremco adhesive. Always refer to the Tremco illbruck Technical Department for correct adhesive selection.
- Note: When used in conjunction with lighter gauge floor coverings in larger areas, there may be a risk of movement under extreme trafficking conditions.

Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

Storage

- Tremco ES500 Kwiklay DPM should be stored in a cool, dry and well ventilated place. PVC products should be stored at temperatures between +10°C and +25°C and only briefly at temperatures higher than this.
- The products must be stored without being subjected to tension, pressure or other deformations as stresses can encourage both permanent deformation and the formation of cracks.

Service Temperature

Max temperature (short exposure) 50°C.
Max temperature (constant) 30°C.

Shelf Life

2 - 4 years under correct storage conditions.

Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee/Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.