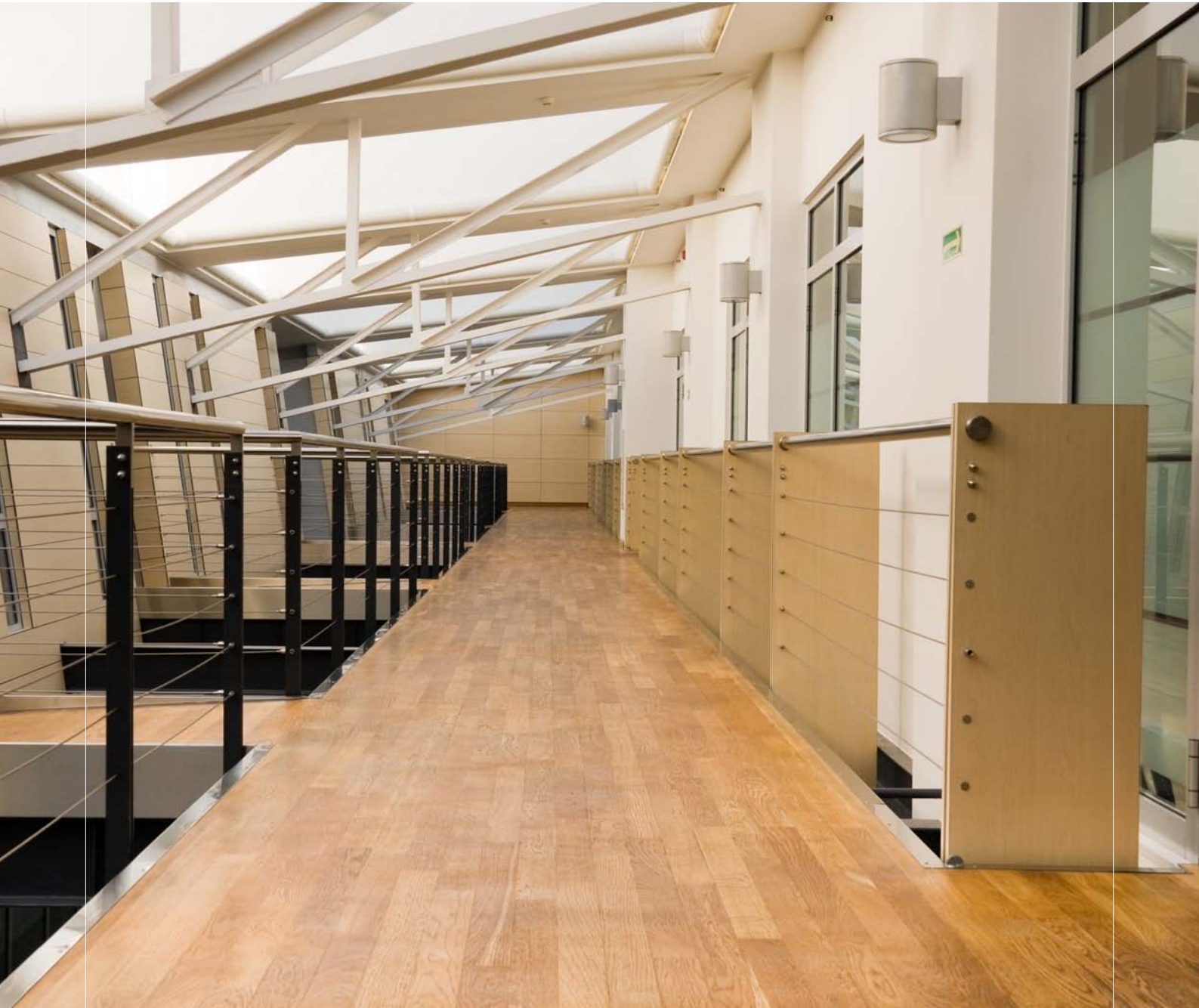


# Tremco Wood Floor Installation Products

Adhesives - Damp Proof Membranes - Floor Screeds



**TREMCO**

# Tremco Systems for Wood Flooring Installation

## A Guide to Successful Installation of Wood Flooring

Tremco illbruck are market leaders in moisture control for substrates, subfloor preparation and floor covering adhesive systems. Wood flooring is one of the most popular types of finishes installed in domestic, retail and commercial premises. Wood has the ability to expand or contract when exposed to humidity and so preparation and installation procedures are absolutely critical. Installation should be in accordance with BS 8201 Installation of Wood Flooring Products.

Tremco illbruck products cover the three vital areas:

### Moisture Control

A range of surface applied damp proof membranes are available which control rising moisture vapour in floors with either no effective membrane or moisture from new construction. Tremco illbruck representatives can often test the substrate on your behalf for moisture vapour and provide a written specification.

### Subfloor Preparation

A smooth floor is critical for the installation of wood flooring products. Dips or high points in the substrate could result in little or no bond and subsequently failure is possible.

### Adhesives

Selection of the installation adhesive is equally as important as the moisture control and subfloor preparation. The strength of bond is just one of the aspects to consider. Many modern fast-track projects require fast curing in addition to low hazard from solvents and fumes.

## Moisture Control

### Tremco ES100 One Coat Universal DPM

Tremco ES100 is the UK market leading surface applied membrane. A 12.5 kg unit covers up to 30 m<sup>2</sup> in a single coat up to 97% relative humidity to control moisture in the most critical of applications. The flexibilised epoxy contains wetting aids and penetrants to maximise adhesion, flow control agents to minimise pinholes and overlapping platelets which provide an extra barrier to moisture vapour. The product accepts the direct application of some adhesives without the need for a levelling compound.

### Tremco ES200 Fastrak Universal DPM

Tremco ES200 Fastrak Universal DPM is the fast curing version of Tremco ES100 One Coat Universal DPM. A handy 6 kg unit covers up to 12-15 m<sup>2</sup> and also suppresses moisture up to 97 % relative humidity. The product can be overlaid after a minimum of 4-6 hours which means that both surface applied damp proof membrane and application of adhesives or levelling compounds can be undertaken in a single day.



### Tremco ES300 Surface DPM

Tremco ES300 is suitable as a single coat moisture vapour suppressant up to 85 % relative humidity covering 40 m<sup>2</sup> per 10 kg kit or alternatively by applying at an increased coating weight 92% relative humidity can be accommodated in a single coat, covering 33 m<sup>2</sup> per 10 kg kit. For applications where deep section levelling compounds are to be installed, two coats may be applied with the second coat grit blinded and the system will suppress moisture up to 97 % relative humidity.

## Subfloor Preparation

### Tremco SX100 Unideck

Tremco Sx-100 Unideck is a fibre filled smoothing compound for application over old wood flooring, ceramic tiles, quarry tiles and more. This product is mixed with water and provides a high strength surface which has added crack resistance for use over difficult substrates. The system can be laid from 5 mm up to 25 mm thickness in a single layer and for larger projects this product may also be applied by use of suitable pumping equipment.





### Tremco SX200 Unismooth Px-2

Tremco SX200 Unismooth Px-2 is a general purpose smoothing compound mixed with water for application to concrete and sand/cement substrates. Compressive strengths of  $>35 \text{ N/mm}^2$  are achieved for floors encountering very heavy traffic. The system can be laid from 3 mm up to 25 mm thickness in a single layer and for larger projects this product may also be applied by use of pumping equipment.



### Tremco SX250 Unibase

Tremco SX250 Unibase is a damp tolerant pre-smoothing compound suitable for the levelling and repair of clean, sound substrates prior to overlaying with a surface applied damp proof membrane. Compressive strengths of  $>35 \text{ N/mm}^2$  give similar strength properties to concrete and also to Tremco SX200 Unismooth Px-2 when overlaying to minimise stress in the system.



## Adhesives

### Tremco SF520 Flexible Wood Adhesive

Tremco SF520 is a high strength, flexible, single component advanced polymer adhesive for surface bonding most wood flooring including: wood blocks, wood mosaic panels, engineered, laminated and solid wood plank/strip flooring. A hazard and emission free option for wood flooring installation which surpasses the older solvent based technology in terms of ease of use and risks to the applicator. The adhesive can be used over most common substrates, sand/cement screeds, concrete, calcium sulphate screeds, stone, metal, timber and epoxy membranes and is also suitable for application over most underfloor heating systems.



Tremco SF520 is available in 17 kg buckets or boxes of 3 x 5 kg pouches covering up to 19 m<sup>2</sup> and 16 m<sup>2</sup> respectively. Alternatively available in 600ml sausages as Tremco SF550 Gun Grade Flexible Wood Adhesive.

### Tremco SF600 Multi-Purpose Polyurethane Adhesive

Tremco SF600 is a traditional two part polyurethane adhesive which is solvent free and formulated for ambient temperature cure. The cured adhesive provides a tough rigid bond which is extremely high strength and has superior water resistance.

Tremco SF600 is supplied in a 5 litre (7.2 kg) unit which typically covers 10 m<sup>2</sup> per unit.



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## General Products

### illbruck WD120 Premium PVA Adhesive D3

illbruck WD120 is a specially formulated water based adhesive that conforms to EN 204 (D3) for both internal and external applications where resistance to water is required. illbruck WD120 develops a high bond strength and is suitable for bonding wood, decorative laminates, chipboard, blockboard, veneers and similar substrates.

### illbruck PU230 Rapid Set PU Adhesive D4

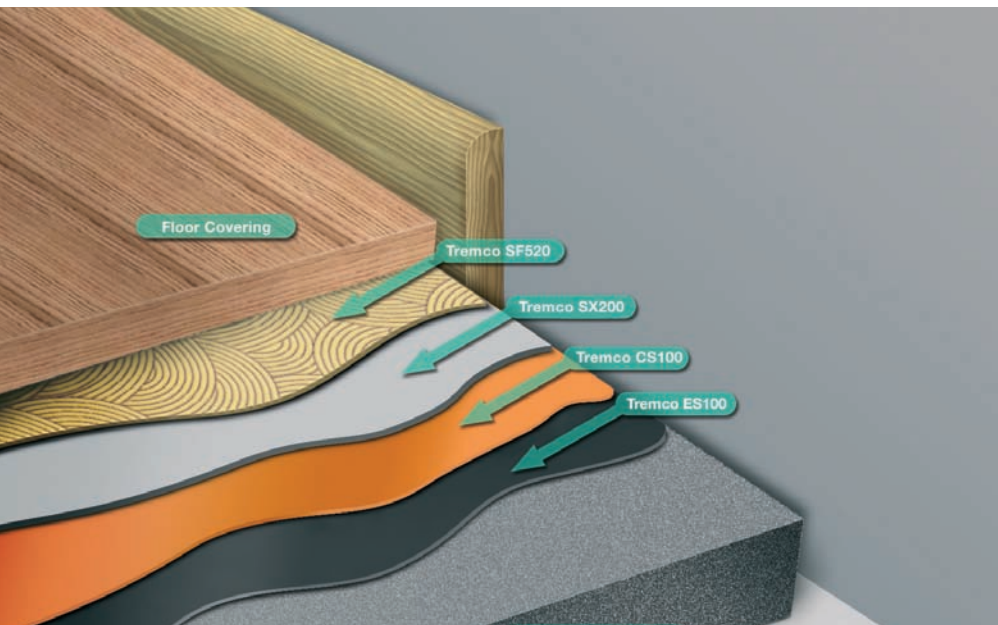
illbruck PU230 is a transparent thixotropic adhesive paste which cures rapidly to form an exceptionally strong water resistant bond. illbruck PU230 is suitable for use in all types of joinery, and construction and repair applications where a strong permanent bond is required

### Tremsil 300

Tremsil 300 is a one component gun grade moisture cured acetoxy based silicone sealant that cures rapidly to form a permanently flexible and extremely durable seal for use with, skirting, trims, joints, edges and doorways. It is available in 310 ml cartridges in translucent, white, brown and grey.

*Note: For specific product performance information, please refer the Product Data sheet available on our website or direct from Tremco illbruck.*

## The Tremco System



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