

# **TREMCO**

*Lasting Performance*

*A Pocket Guide to*  
**Contract Flooring Products**



*Damp Proof Membranes,  
Smoothing Compounds & Adhesives*

### **WELCOME TO TREMCO**

TREMCO is a brand of tremco illbruck, a European manufacturer and service provider of high performance building materials.

TREMCO stands for lasting performance for flooring, waterproofing and in-plant glazing. The quality of our products and the provision of superior technical support are the result of nine decades of market experience centered on an innovative vision of the future.

We are leaders in product areas such as epoxy damp proof membranes, single coat membranes and pressure sensitive flooring adhesives

Whatever the project TREMCO will help you achieve the results you are looking for – with excellent lasting performance.

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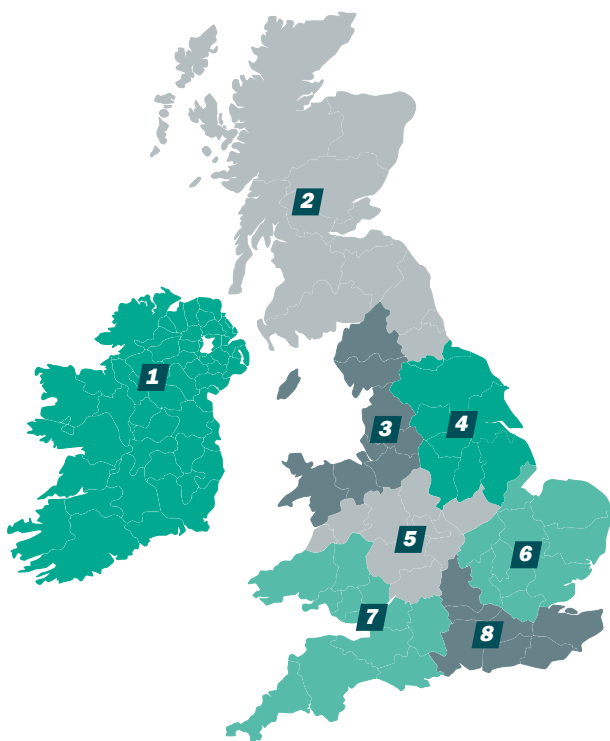
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## TERRITORY MAP

We have a nationwide team of Area Sales Managers who are able to offer support and advice.





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# DAMP PROOF MEMBRANES

## NO.1 IN DAMP PROOF MEMBRANES

### Superior Damp Proof Membrane Technology

tremco illbruck not only created the market for damp proof membranes (DPM), but are the market leaders with over 800,000 m<sup>2</sup>/year installed.

A surface DPM, which bonds to the surface of the concrete, minimises moisture vapour transmission. It therefore prevents moisture build-up beneath vinyl or other floor coverings. To determine the most suitable and cost effective surface DPM for any application, it is essential to determine the relative humidity and the moisture vapour transmission rate of the substrate and floor covering. TREMCO ES100 Single Coat DPM is the market leading epoxy damp proof membrane in the UK. A single coat accommodates up to 97% relative humidity.



When specifying and installing flooring products, it is advisable to select a manufacturer where the support, training and technical expertise is second to none. tremco illbruck offers customers an unrivalled level of technical support from initial product training to design advice and on-site technical assessment.

New tremco illbruck customers are provided with product training to ensure confidence in using the products to achieve optimum results. Similarly, new products are thoroughly tested on site and training modules are developed in partnership with contractors.

**The technical service team is available to;**

- Conduct moisture tests.
- Offer site specific design and installation advice.
- Provide ongoing project support.

# DAMP PROOF MEMBRANES

## EPOXY BASED



### ES100

#### SINGLE COAT DPM

A single coat solvent free two part epoxy membrane utilising platelet technology to give the highest performance possible on concrete and sand/cement substrates.

Suitable for use in a single coat up to 97% relative humidity.

Suitable for use on under floor heated concrete to 97% relative humidity.

#### Coverage

Up to 24 m<sup>2</sup> per 10 kg unit and up to 60 m<sup>2</sup> per 25 kg unit.



### ES200

#### FAST CURING DPM

A single coat fast curing solvent free two part epoxy membrane utilising platelet technology to give the highest performance possible on concrete and sand/cement substrates.

Suitable for use in a single coat up to 97% relative humidity.

Suitable for use on under floor heated concrete to 97% relative humidity. Fast curing for overlaying within four hours in good conditions.

#### Coverage

Up to 15 m<sup>2</sup> per 6 kg unit.





## **ES300**

### **SURFACE DPM**

A solvent free two part epoxy membrane suitable as a one or two coat system on concrete and sand/cement substrates.

Available in Blue or Grey to differentiate between first and second coats.

Suitable for use up to 97% relative humidity in two coats.

Suitable for use up to 92% relative humidity in a single coat on power floated concrete.

#### **Coverage**

Up to 40 m<sup>2</sup> per 10 kg unit.



## **ES400**

### **BULK DPM**

A solvent free two part epoxy membrane suitable as a one or two coat system on concrete and sand/cement substrates.

Each component is packed in 1,000 kg bulk IBC's to eliminate packaging waste.

#### **Coverage**

Covers up to 12,000 m<sup>2</sup> per 3,000 kg kit (2 part A to 1 part B) as a single coat system to 85% RH or 6,000 m<sup>2</sup> as a two coat system for 85-97% RH.

# DAMP PROOF MEMBRANES

## SHEET MEMBRANE



### ES500

#### SHEET MEMBRANE

A specially coated fibre glass underlay which is moisture resistant to damp with resin peduncles on the underside. ES500 can eliminate or reduce the need for mechanical preparation, reducing installation time.

Suitable for use on under floor heated concrete to 97% relative humidity.

Can be laid over a variety of surfaces, such as old resilient and ceramic floor coverings, metal, access floors, sub floors contaminated with oil or paint, or damp sub floors.

#### Coverage

36.25 m<sup>2</sup> per roll.



### ES501

#### TAPE

A special adhesive tape for applying over the joints when installing ES500.

Helps to provide a complete moisture proof seal.

#### Coverage

50 linear metres per roll.

## WATER BASED



# ES600

## MOISTURE VAPOUR SUPPRESSANT

A water-based, one part surface moisture vapour suppressant developed to suppress residual construction moisture in cementitious sub floors including power floated concrete and sand/cement screeds. Can be used with underfloor heating.

Suitable for use up to 95% relative humidity in two coats.

### Coverage

Up to 16 m<sup>2</sup> per 5 kg unit for 2 coats.



# PRIMERS & ANCILLARY

## EPOXY BASED



### CS100

#### EPOXY PRIMER

A two part water based epoxy primer and bonding agent. Designed to prime TREMCO surface damp proof membranes and other non-porous surfaces before the application of TREMCO smoothing compounds.

Provided with an orange tint to assist in visual control during application.

#### Coverage

Approx. 100 m<sup>2</sup> per 5 kg unit.



### CS175

#### EPOXY PRIMER FOR POROUS SUBSTRATES

A two part water based epoxy primer that provides a breathable seal for calcium sulphate screeds, prior to the installation of cement compounds. Also suitable for use as a primer on concrete prior to the application of floor coatings.

Floor coverings may be laid directly using suitable flooring adhesives. Before applying smoothing compounds onto anhydrite screed, CS100 Epoxy Primer must be used.

#### Coverage

Approx. 75 m<sup>2</sup> per 7.5 kg unit.



## ACRYLIC BASED



### **CS150**

#### ACRYLIC PRIMER

A universal primer for porous substrates, typically used prior to the application of smoothing compounds.

The product works by removing the adverse effects of suction from the substrate including pin-holing and premature drying of the screed, which result in the loss of desired flow characteristics.

#### **Coverage**

Approx. 40 m<sup>2</sup> per 5 litre unit  
or 200 m<sup>2</sup> per 25 litre unit.

### **AW421**

#### HEAVY DUTY CLEANER

A solvent supplied for the purpose of dissolving and removing mastics, adhesives, and sealants from tools and surfaces.

AW421 will remove many adhesive types including contact adhesives. Best performance is achieved whilst adhesives are in the early stages of set/cure to ensure complete removal.

# DAMP PROOF MEMBRANES

## PRODUCT SELECTOR

Most flooring systems including wood, vinyl, rubber and carpet floor coverings require either less than 75% relative humidity or alternatively a surface applied damp proof membrane to compress residual construction moisture. The chart below indicates the number of coats and specified coverage per unit at varying moisture levels.

Product	Humidity Reading/Coverage Per Kit		
	Up to 85%	85-92%	92-97%
<b>ES100</b> Single Coat DPM	1 coat (25 m <sup>2</sup> )	1 coat (25 m <sup>2</sup> )	1 coat (20 m <sup>2</sup> )
<b>ES200</b> Fast Curing DPM	1 coat (15 m <sup>2</sup> )	1 coat (15 m <sup>2</sup> )	1 coat (12 m <sup>2</sup> )
<b>ES300</b> Surface DPM	1 coat (40 m <sup>2</sup> )	1 coat* (33 m <sup>2</sup> )	2 coats (20 m <sup>2</sup> )
<b>ES400</b> Bulk DPM	1 coat (12,000 m <sup>2</sup> )	2 coats (6,000 m <sup>2</sup> )	2 coats (6,000 m <sup>2</sup> )
<b>ES500</b> Sheet Membrane	(36.25 m <sup>2</sup> )	(36.25 m <sup>2</sup> )	(36.25 m <sup>2</sup> )
<b>ES600</b> Moisture Vapour Suppressant	2 coats (16 m <sup>2</sup> )	2 coats (16 m <sup>2</sup> )	2 coats (16 m <sup>2</sup> )

\*On power floated concrete only

Substrate Suitability			
Concrete	Sand/ Cement	Adhesive Residue	Heated Concrete & Screeds
Yes	Yes	Remove	Yes
Yes	Yes	Remove	Yes
Yes	Yes	Remove	No
Yes	Yes	Remove	No
Yes	Yes	Yes	Yes
Yes	Yes	Remove	Yes

# SMOOTHING COMPOUNDS

## ADVANCED TECHNOLOGY SYSTEMS

### Floor Smoothing Compounds

tremco illbruck continue to develop smoothing compounds using the latest technology, including new shrinkage control systems, new flow systems and low emission polymers. tremco illbruck continue to research and develop the latest technology with many more innovations on the way.

The range of smoothing compounds include:

**Two-Part Latex Underlayments** – general purpose, high performance, and damp tolerant grades.

**Water-Mixed Underlayments** – hand or pump applied for heavy duty applications.

**Repair Compounds** – patch repair and feather edge repair compounds for specialist applications.

**Specialist Floor Screeds** – we offer a fibre filled pumpable underlayment for flexing subfloors or difficult substrates.



When planning flooring projects, the substrate must be one of the first considerations as it is vital to the success of the forthcoming project.

Competent contractors generally turn to the advice of major manufacturers on whom they routinely rely for system performance and they regularly invite companies' technical representatives to get involved with an initial inspection.

At all stages of the inspection, specification and installation it is essential for the flooring specialist to remain mindful of the building's eventual function or occupancy in relation to the products and methodology chosen. It may, for instance, be appropriate to choose products offering very low odour or that are EC1 compliant to respect locations like hospitals or food production facilities. In all situations, however, correct preparation remains essential to success.

# SMOOTHING COMPOUNDS

## WATER BASED



### SX070

#### FEATHER FINISH COMPOUND

A rapid drying feather finish compound for interior applications. Ideal for smoothing and repair of sub floors prior to the installation of a floor covering. Excellent adhesion to a wide range of common flooring substrates, including: concrete, sand/cement screeds, plywood, glazed and unglazed floor tiles.

#### Coverage

Up to 50 m<sup>2</sup> per 10 kg unit.



### SX100

#### FIBRE REINFORCED SMOOTHING COMPOUND

A fibre reinforced, cementitious self-levelling flooring compound for interior application over problem substrates including concrete, sand/cement, steel, wood, ceramic tile, quarry tile and old vinyl tiles, prior to the installation of floor coverings. SX100 has excellent flow and smoothing properties. With an application range of 5 mm - 50 mm it can be applied by hand or suitable pump. With compressive strengths in excess of 30 N/mm<sup>2</sup>, it can also be used in heavy duty applications.

#### Coverage

Approx. 5 m<sup>2</sup> per 25 kg unit at 3 mm.



## SX200

### SELF LEVELLING GREEN SMOOTHING COMPOUND

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. SX200 has very low VOC levels achieving EC1 Emission status.

#### Coverage

Approx.  $5 \text{ m}^2$  per 25 kg unit at 3 mm.



## SX220

### SELF LEVELLING COMPOUND

A fast setting cement based smoothing product for use in domestic, light commercial and industrial environments as an underlayment, prior to application of carpet, wood and vinyl flooring. SX220 has excellent flow for smoothing uneven floors and is easy to mix and apply. SX220 is low odour and low VOC. The system can be laid from 1 - 10 mm and a compressive strength of  $25 \text{ N/mm}^2$  is achieved.

#### Coverage

Approx.  $6 \text{ m}^2$  per 20 kg unit at 2 mm.

# SMOOTHING COMPOUNDS

## WATER BASED



### SX250

#### MOISTURE TOLERANT SMOOTHING COMPOUND

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  $>30 \text{ N/mm}^2$  give similar strength properties to concrete and also to SX200 High Strength Smoothing Compound when overlaying to minimise stress in the system. SX250 may be applied by hand or by use of a suitable pump at depths of 3 to 50 mm.

#### Coverage

Approx.  $5 \text{ m}^2$  per 25 kg unit at 3 mm.



### SX400

#### CEMENTITIOUS REPAIR MORTAR

A general purpose high strength fast setting mortar, with low slump for repairing stair edges. Also suitable for patch repairs from 6 mm up to 75 mm.

With a high degree of moisture tolerance it may also be used for patch repairing concrete and sand/cement sub floors prior to applying TREMCO epoxy damp proof membranes. Then product sets for foot traffic in only 15 minutes under good conditions, achieving  $21 \text{ N/mm}^2$  in only 2 hours.

#### Coverage

Approx.  $1.25 \text{ m}^2$  per unit at 10 mm.



## LATEX BASED



### **SX300 NA**

#### **HIGH PERFORMANCE LATEX UNDERLAYMENT**

A two part latex smoothing compound with a high degree of moisture tolerance, which may be used prior to the application of a liquid applied damp proof membrane. It is low odour and protein free, and may also be used without a primer on many substrates including minimised adhesive residues, and on top of ES100 Single Coat DPM and ES200 Fast Curing DPM - except on under floor heated concrete. The product achieves a compressive strength of 21.9 N/mm<sup>2</sup> and can be applied in thicknesses of 6 mm to feather edge.

#### **Coverage**

Approx. 5 m<sup>2</sup> per unit at 3 mm.

### **SX301**

#### **LATEX UNDERLAYMENT**

A general purpose latex underlayment for use on dry floors or on top of primed damp proof membranes prior to the installation of floor coverings. It is low odour, may accept foot traffic after only 90 minutes under good conditions and has a compressive strength of 25 N/mm<sup>2</sup>. SX301 can be applied in thicknesses of 1 - 10 mm. CS100 Epoxy Primer should always be used when applying SX301 on to epoxy damp proof membranes. No primer is required when applying on to concrete or sand/cement unless particularly porous.

#### **Coverage**

Approx. 5 m<sup>2</sup> per unit at 3 mm.

# SMOOTHING COMPOUNDS

## LATEX BASED



### SX302

#### MOISTURE TOLERANT LATEX UNDERLAYMENT

A general purpose latex underlayment with a high degree of moisture tolerance for use prior to the application of a liquid applied damp proof membrane. Also for use on dry floors, minimised adhesive residues or on top of primed damp proof membranes prior to the installation of floor coverings. CS100 Epoxy Primer should always be used when applying SX302 on to epoxy damp proof membranes. No primer is required when applying on to concrete or sand/cement unless particularly porous. SX302 has a compressive strength of 5 N/mm<sup>2</sup> and can be laid in thicknesses of 1 - 10 mm.

#### Coverage

Approx. 5 m<sup>2</sup> per unit at 3 mm.



### SX500

#### RAPID DRYING SMOOTHING COMPOUND

SX500 is a fast drying, smoothing compound for interior applications. It is moisture tolerant, has a 40% recycled content and can be applied in thicknesses of 2 - 15 mm. SX500 has a compressive strength of 30 N/mm<sup>2</sup>. The product will accept foot traffic from as little as 30 minutes and some floor coverings from 90 minutes. With a 10 minute working time, SX500 is ideally suited to applications that require a same day turnaround.

#### Coverage

Approx. 5 m<sup>2</sup> per unit at 3 mm.



# SUBFLOOR SELECTOR CHART

		Water based	
	PRODUCT	SX200	SX220
Technical Data	Walk on Time	3 Hours	2 Hours
	28 day approx. Compressive strength	>35 N/mm <sup>2</sup>	25 N/mm <sup>2</sup>
	Protein Free	Yes	No
Subfloor Type	Dry Concrete/ Screed	CS150 Acrylic Primer (Porous) CS100 Epoxy Primer (Non-porous)	CS150 Acrylic Primer (Porous) CS100 Epoxy Primer (Non-porous)
	Damp Concrete 75-85% RH	1 coat ES300 or ES100 Single Coat DPM	1 coat ES300 or ES100 Single Coat DPM
	Damp Concrete 85-92% RH	2 coat ES300 or ES100 Single Coat DPM	2 coat ES300 or ES100 Single Coat DPM
	Damp Concrete 92-97% RH	ES100 Single Coat DPM	ES100 Single Coat DPM
	TREMCO ES100, ES200 & ES300 DPMs	CS100 Epoxy Primer	CS100 Epoxy Primer
	Plywood	Not Suitable	Not Suitable
	Anhydrite/Alpha Hemihydrate	CS175 Epoxy Primer for Porous Substrates then CS100 Epoxy Primer	CS175 Epoxy Primer for Porous Substrates then CS100 Epoxy Primer
	Terazzo, Quarry Tile, Marble & Ceramic	CS100 Epoxy Primer	CS100 Epoxy Primer
	Internal Mastic Asphalt	Not Suitable	Not Suitable

All of the above information is provided in good faith and is based on extensive testing. This information in no way guarantees suitability because site conditions vary, it is for guideline purposes only. Please refer to the individual product data sheets before proceeding with application or ask for a written free of charge specification.

Latex based			
<b>SX300 NA</b>	<b>SX301</b>	<b>SX302</b>	<b>SX500</b>
3 Hours	1.5 Hours	1.5 Hours	30 mins
20 N/mm <sup>2</sup>	25 N/mm <sup>2</sup>	25 N/mm <sup>2</sup>	30 N/mm <sup>2</sup>
Yes	Yes	Yes	Yes
Apply Direct	Apply Direct	Apply Direct	Apply Direct
Use under DPM	1 coat ES300 or ES100 Single Coat DPM	Use under DPM	Use under DPM
Use under DPM	2 coat ES300 or ES100 Single Coat DPM	Use under DPM	Use under DPM
Use under DPM	ES100 Single Coat DPM	Use under DPM	Use under DPM
Apply direct, within tremco illbruck written guidelines	CS100 Epoxy Primer	CS100 Epoxy Primer	CS100 Epoxy Primer
Not Suitable	Not Suitable	Not Suitable	Not Suitable
CS175 Epoxy Primer for Porous Substrates then CS100 Epoxy Primer	CS175 Epoxy Primer for Porous Substrates then CS100 Epoxy Primer	CS175 Epoxy Primer for Porous Substrates then CS100 Epoxy Primer	CS175 Epoxy Primer for Porous Substrates then CS100 Epoxy Primer
Degrease and Apply Direct	Degrease, Texture Surface & Apply Direct	Degrease, Texture Surface & Apply Direct	Degrease, Texture Surface & Apply Direct
Degrease and Apply Direct	N/A	N/A	N/A

Note: For thicknesses above 6 mm on top of ES100, ES200 and ES300, it will be necessary to apply a grit blinded top coat of membrane. Please refer to TREMCO Technical Department.

# FLOORING ADHESIVES

## GENERAL PURPOSE AND SPECIALIST FLOOR COVERING ADHESIVES

### TREMCO Flooring Adhesives

The wide range of adhesives offered within the TREMCO range include:

**TREMCO Carpet Adhesives** – general purpose SBR.

**Vinyl Adhesives** – traditional acrylic adhesive, advanced pressure sensitive acrylic, conductive acrylic adhesive and solvent based contact adhesives including a specialist conductive contact adhesive.

**Carpet Tiles** – a tackifier applied by roller or brush.

**Wood Adhesive** – a single part safe spur polymer elastomeric adhesive for bonding a wide range of wood flooring.

**Specialist Adhesives** – Two part moisture resistant contact adhesive, two part fire retardant epoxy adhesive, and a two part polyurethane adhesive.



The choice of adhesive is dictated by the type of floorcovering and this, in turn, is dictated by the use of the room in which the floor is laid.

Some floors – for example, in factories, hospitals or kitchens – may need to be heat-resistant, water-resistant or waterproof. Some floors may need to conform to a specific BREEAM rating. And, for health and safety reasons, low VOC adhesives may be required.

For the most complex installations which may combine several specific requirements including heat or moisture resistance, low-VOC, non-allergenic qualities or flexibility, a range of high performance hybrid polymer adhesives is available.

Floorcoverings remain a key feature in most interior décor schemes and represent a significant investment for the building owner. It is in the best interests of the customer and the specialist flooring contractor to utilise adhesives and other materials which guarantee a long life for the floor.

# FLOORING ADHESIVES

## TEXTILE FLOORING



### SF110

CARPET ADHESIVE

A versatile water based synthetic latex multi purpose adhesive which has good bond strength, long open time, and good double stick properties. Easy to trowel and non-staining.

#### Coverage

Up to 45 m<sup>2</sup> per 15 kg unit using a 2 mm x 6 mm notched trowel.



### SF200

CARPET TILE TACKIFIER

A single component, waterborne liquid adhesive, which dries to a clear permanently tacky film. This product has been developed for the installation of Hexphalte/Bitumen backed carpet tiles, some grades of PVC backed carpet tiles, thermoplastic hot melt backed tiles, and underfelts. The adhesive can be used to bond the floor coverings to concrete, sand/cement and is particularly suited for bonding carpet tiles to non-porous surfaces e.g. raised access flooring.

#### Coverage

Up to 135 m<sup>2</sup> per 15 kg unit.





## RESILIENT FLOORING



### SF105

#### HIGH PERFORMANCE ACRYLIC ADHESIVE

SF105 is a thixotropic water-borne floor covering adhesive. It has been specially developed for linoleum and vinyl floor coverings, particularly the highly plasticised types. It is approved for use with PVC backed carpets. The adhesive has excellent grab characteristics and high achievable coverage rates.

##### Coverage

Up to 67 m<sup>2</sup> per 15 kg unit using a 1.5 x 5 mm notched trowel.



### SF108

#### PRESSURE SENSITIVE ACRYLIC ADHESIVE

A pressure sensitive adhesive for rubber and vinyl floor and wall coverings. Compatible with a wide range of vinyl's including the highly plasticised types. The adhesive has amazing coverage of over 100 m<sup>2</sup> per 15 litre unit when bonding PVC and smooth backed rubber floor coverings. The adhesive can be used for dry bonding PVC floor coverings directly to the range of TREMCO epoxy damp proof membranes.

##### Coverage

Up to 110 m<sup>2</sup> per 15 litre unit using a 1.5 x 5 mm notched trowel.



# FLOORING ADHESIVES

## RESILIENT FLOORING



### SF115

#### CONTACT ADHESIVE

A one part, solvent based, modified elastomer contact adhesive for use with rubber and PVC. Typical uses include bonding rubber tiles and sheet floor coverings, vinyl and cork to horizontal or vertical surfaces, rubber nosings and covings, or PVC nosings and covings. TREMCO SF115 has excellent resistance to plasticiser migration from PVC floor coverings and covers up to 3 m<sup>2</sup> of bonded area per litre.

#### Coverage

Up to 30 m<sup>2</sup> per face per 5 litre or 15 m<sup>2</sup> of bonded area.



### SF165

#### WATER RESISTANT CONTACT ADHESIVE

A cross-linking water resistant contact adhesive. Unlike most other water-resistant adhesives, the bonded floor can be subjected to foot traffic immediately after being placed in position. Typical uses are for bonding smooth backed rubber floor coverings, rubber and PVC nosings, covings for use in dry and wet conditions, and exposed public areas. Particularly suited for use in the transportation industry to bond floor coverings on buses and trains.

#### Coverage

Up to 30 m<sup>2</sup> per face per 5 litre or 15 m<sup>2</sup> of bonded area.



## SF404

### FIRE RETARDANT EPOXY ADHESIVE

A two part epoxy based, self-extinguishing adhesive of thixotropic consistency, formulated for ambient temperature curing. This product is used for bonding all resilient floor coverings (e.g. vinyl, rubber, linoleum) and textile floor coverings in areas of high risk e.g. lifts, train platforms, buses, trains. The product can be applied to concrete, metal, and wood substrates to give a permanent heat resistant, chemical resistant and water resistant bond.

#### Coverage

Up to 12.5 m<sup>2</sup> per 5 kg unit using a 1.5 x 5 mm notched trowel.



## SF512

### WATER RESISTANT ADHESIVE FOR RUBBER & PVC

A single component product derived from advanced MS polymer technology, for use with PVC & rubber flooring. The MS polymer technology permits high bond performance with no safety hazards unlike traditional epoxy adhesives. This product is used for bonding PVC and rubber floor coverings in areas of high risk where safety is a priority, where heat and chemical resistance is required, and where solvents and hazardous chemicals are not allowed.

#### Coverage

Up to 50 m<sup>2</sup> per 14 kg unit using a 1.5 x 5 mm notched trowel.

# FLOORING ADHESIVES

## RESILIENT FLOORING



### SF600

#### MULTI-PURPOSE POLYURETHANE ADHESIVE

A two part polyurethane adhesive formulated for ambient temperature cure. Typical uses include the permanent bonding of a wide range of floor coverings including synthetic rubber, PVC and wood in high performance applications; this includes where water and heat resistance is required. See SF512 Water Resistant Adhesive for Rubber & PVC or SF520 Flexible Wood Adhesive where the use of hazard free products is essential.

#### Coverage

Up to 40 m<sup>2</sup> per 5L unit using a 1.5 x 5 mm notched trowel. For installing wood, coverage is 10 m<sup>2</sup> per 5 litre using a 2 x 6 mm trowel.

## WOOD FLOORING



### SF520

#### FLEXIBLE WOOD ADHESIVE

A high strength, flexible, single component advanced polymer adhesive for surface bonding most wood flooring including wide plank (excluding bitumen backed wood flooring). The product is very low VOC achieving Emicode EC1 status and is non-hazardous unlike traditional spirit based adhesives. The product is available in 17 kg pails and as SF550 Gun Grade, supplied in boxes of 12 x 600 ml sausages.

#### Coverage

Up to 1.1 m<sup>2</sup> per kg using a 3 x 6 mm notched trowel.



## ILLBRUCK PRODUCTS



### **GS360**

#### **MULTI-PURPOSE SILICONE**

GS360 is suitable for a wide range of sealing applications, such as: perimeter sealing and aisle sealing.

Available in a range of colours and in boxes of 20 x 310 ml cartridges.



### **MT440**

#### **HIGH GRIP ADHESIVE**

A general purpose high bond strength synthetic resin adhesive with good gap filling properties. It has high initial grab and can be used in a wide variety of bonding applications including fixing aluminium and PVC nosings and extrusions to concrete and wooden stairs, and for bonding carpet gripper systems to most sub floors without using tacks or nails. Can also be used for fixing floor boards and skirting boards.

Available in boxes of 12 x 310 ml cartridges and 12 x 380 ml cartridges.

# FLOORING ADHESIVES SELECTOR

	Textile Backed Carpets	Carpet Tiles
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## Textile Flooring Adhesives:

<b>SF110</b> Carpet Adhesive	Wet Bonded	—
<b>SF200</b> Carpet Tile Tackifier	—	Dry Bonded

## Resilient Flooring Adhesives:

<b>SF105</b> Acrylic Adhesive	—	—
<b>SF108</b> Pressure Sensitive Adhesive	—	—
<b>SF115</b> Contact Adhesive	—	—
<b>SF165</b> Water Resistant Contact Adhesive	—	—
<b>SF404</b> Fire Retardant Epoxy Adhesive	—	—
<b>SF512</b> Water Resistant Adhesive for PVC & Rubber	—	—
<b>SF600</b> Multi-Purpose Polyurethane Adhesive	—	—

## Wood Flooring Adhesive:

<b>SF520</b> Flexible Wood Flooring Adhesive	—	—
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PVC Backed Carpet & Carpet Tiles	Vinyl	Rubber	Lino	Wood
–	–	–	–	–
Dry Bonded*	–	–	–	–
Wet Bonded	–	–	–	–
Dry Bonded	Wet Bonded	Semi-wet Bonded	–	–
–	Apply to both Surfaces	Apply to both Surfaces	–	–
–	Apply to both Surfaces	Apply to both Surfaces	–	–
–	Wet Bonded	Wet Bonded	Wet Bonded	Wet Bonded
Wet Bonded	Wet Bonded	Wet Bonded	–	–
–	Wet Bonded*	Wet Bonded	Wet Bonded	Wet Bonded
–	–	–	–	Wet Bonded

# FLOORING ADHESIVES GUIDE

Product/Backing	Type of bond Permanent
<b>Armstrong (DLW) Commercial Flooring</b>	
Linoleum Jute & Lino Polyester	SF600
Linoleum PVC	SF105, SF108
PVC & PVC foam backed	SF105, SF108
<b>Bonar Floors Ltd</b>	
PVC	SF105, SF108
Syn/Rubber	SF105, SF108
PVC/Foam/Scrim	SF105, SF108
<b>Burmatex Ltd</b>	
Contract Carpet Tiles    Anchorite A	SF105
Anchorite B	SF110
Contract Fibre Bonded	SF110
Jute	SF110
Barrier Matt PVC	SF105
Aqualock Gel	SF105
<b>CFS Ranges (Landsdon Group)</b>	
Actionbac	SF110
Fibrebonded	SF110
Impervious Foams	SF110
Mexphalte	SF110
PU Foam	SF110
PVC	SF105, SF108
Ruber Waffle	SF110
Textile Back	SF110



	Release	Type of bond H/D Wet Areas	Vertical
		SF600	SF115, SF165
		SF404	SF115, SF165
		SF404	SF108, SF115
		SF404	SF108, SF115
		SF600	
		SF600	SF115
	SF200		
	SF200		
			SF115
		SF600	
			SF115
			SF115
			SF115
	SF200		SF115
	SF200		SF115
		SF404	
			SF115
			SF115

# FLOORING ADHESIVES GUIDE

Product/Backing	Type of bond Permanent
<b>Dalsouple Ltd</b>	
Rubber	SF108, SF512, SF600
EPDM	SF404
<b>Desso Ltd</b>	
Soundmaster Tiles	SF 110
Tufted/Bitumen Tiles	SF110
Tufted/Polyscan Tiles	SF105, SF108, SF110
Broadloom Fibre Bonded	SF110
Broadloom Polypropylene	SF110
Broadloom Solid Base	SF110
<b>EGE Carpets</b>	
Latex Backed	SF110
Impervious	SF110
Mod750	SF110
Secondary Backing	SF110
<b>Forbo Flooring UK Ltd</b>	
Lino Desktop Felt Paper	SF115, SF600
Hessian Backed	SF600
Linoleum Tile Polyester	SF600
Fibre Bonded	SF600
PVC Backed	SF105, SF108
PVC/Foam	SF105, SF108

	Release	Type of bond H/D Wet Areas	Vertical
		SF600, SF165	SF115, SF165
		SF404	
	SF200		
	SF200		
	SF200		
	SF200		
	SF200		
	SF200		
			SF115
			SF115
	SF200		SF115
			SF115
		SF165, SF600	SF115, SF165
		SF165, SF600	SF115, SF165
			SF115, SF165
		SF165, SF600	SF115, SF165
		SF404	SF115, SF108

# FLOORING ADHESIVES GUIDE

Product/Backing		Type of bond Permanent
<b>Gaskell Mackay Carpets Ltd</b>		
Carpet Tiles	Bitumen	SF110
	Softbac	SF110
	Impervious	SF105, SF108
	Hessian	SF110
Carpets	Hessian	SF110
	Action Bac	SF110
	Gel Foam	
Sports Surfaces*	Fibre Bonded	SF110
	PVC	SF105, SF108
Underlay	Rubber Crumb	SF200
Textiles	Fibre Bonded	SF110

\* Refer to TREMCO Technical Department

<b>Gerflor Ltd</b>		
Foam		SF105, SF108
PVC & PVC Foam		SF105, SF108
PVC Backed Tiles		

<b>Gradus Carpets</b>		
Broadloom Actionbac		SF110
Impervious PVC & PVC/Polyester		SF105, SF108
Carpet Tile	Bitumen	SF110
Contract Range	Actionbac	SF110
	Impervious	SF105, SF108
	Impervious, HD Foam	SF105, SF108
Gradus A.G.C CT Ranges		MT440
Aluminium Stair Edgings & Trims		MT440
Stairtile	Rubber	SF115

	Release	Type of bond H/D Wet Areas	Vertical
	SF200		
	SF200		
	SF200		
	SF105, SF108		
	SF600		

		SF404	
		SF404	SF115, SF108
	SF200		
	SF200		
	SF200	SF404	
	SF200		
	SF200		
	SF200	SF404	

# FLOORING ADHESIVES GUIDE

Product/Backing	Type of bond Permanent
<b>Halsteads (Polyflor) Ltd</b>	
Vinyl Polyclad BN649	SF108, SF115
Sport Foam	SF105, SF108
Acoustic Foam	SF105, SF108
PU/Vinyl backing	SF108
Conductive Vinyl	SF106
Rubber	SF108*, SF600
PVC Coving	SF165
Accoustifoam PVC Foam	SF105, SF108
* Lay in to semi wet adhesive	
<b>Heckmondwike FB Ltd</b>	
Fibrebonded	SF110
Bitumen Backed Tiles	SF110
Aquabac Impervious	SF105, SF108,
Crumb Rubber	SF108, SF600
<b>InterfaceFLOR Ltd</b>	
Fibre Bonded Backing	SF110
GlassBac TM Vinyl	
Graphlar/Graphlex	SF110
PVC	SF105, SF108
<b>Jaymart Rubber &amp; Plastics Ltd</b>	
Fibre Bonded Backing	SF110
Rubber	SF108, SF115, SF600
Rubber Crumb	SF404, SF512, SF600
Rubber Coned Back	SF600
Vinyl Sheet/PVC	SF105, SF108
PVC/Cotton	SF105, SF108
Latex/Waffle Backing	SF110

	Release	Type of bond H/D Wet Areas	Vertical
		SF165	SF108, SF115
		SF404	SF108, SF115
		SF404	
		SF404	SF108, SF115
		SF165, SF600	SF115, SF165
			SF115
			SF115
			SF115
	SF200		
		SF404	
		SF404	
			SF115
	SF200		
	SF200		SF115
	SF200		SF404
		SF600	
		SF165, SF600	SF115, SF165
		SF404, SF512, SF600	
		SF600	
		SF404	SF108, SF115
		SF600	SF108, SF115
		SF404	

# FLOORING ADHESIVES GUIDE

Product/Backing		Type of bond Permanent
<b>Joseph, Hamilton &amp; Seaton Ltd</b>		
Carpet Tiles	Bitumen	SF110
	PVC	SF105, SF108
PVC Impervious backed		SF105, SF108
Woven Polyprop/Felt backed		SF110
<b>JHS R-Floor Brand:</b>		
Vinyl Tile BS 3261B		SF110, SF105
PVC		SF105, SF108
PVC Quartz		SF105, SF108
PVC Foam		SF105
Rubber Tile & Sheet		SF108*, SF600
* Lay in to semi wet adhesive		
<b>JHS Wollimex Brand:</b>		
Action Bac		SF110
Felt		SF110
Impervious		SF110
Jute		SF110
Secondary		SF110
<b>Mercardo</b>		
Bitumen Felt		
FR Foam Rubber		
PVC backed		SF105, SF108
Gel backed		SF110
Gel Rubber Foam		SF110
Impervious Gel & Resin		SF110
Rubber Waffle		SF110
Secondary		SF110



	Release	Type of bond H/D Wet Areas	Vertical
	SF200		SF115
	SF200		SF115
	SF200		SF115
		SF404	SF108, SF115
		SF600	SF108, SF115
		SF165	SF115, SF165
			SF115
			SF115
			SF115
			SF115
			SF115
	SF200		
	SF200		
		SF404	
		SF404	
			SF115
			SF115
			SF115
			SF115

# FLOORING ADHESIVES GUIDE

Product/Backing	Type of bond Permanent
<b>Milliken</b>	
Fibreglass PVC	
PU Foam	SF110, SF105
Everwear & PVC backed	
Nitrile Rubber	
<b>Mohawk Industries</b>	
(Incorporating Lees, Bigelow & Mowhaw tiles & broadloom ranges, Durkan hospitality, tiles & c	
EcoFlex™	
Ultra Set PVC	
ActionBac	SF110
Unitary Plus	SF110
UPS, Woven & Unibond	SF110
HPS	SF110
ICT Thermoplastic Composite Tile	
<b>Nora Flooring Systems UK Ltd</b>	
Norament	SF600
Noraplan Acoustic 4 mm	SF108*
Noraplan (to 2.5 mm thickness)	SF108*, SF600
Noraplan (>2.5 mm thickness)	SF600
Nora Stairtreads & Profiles	SF115
* Lay in to semi wet adhesive	
<b>Quadrant Modular Ltd</b>	
Modified Bitumen	SF110

	Release	Type of bond H/D Wet Areas	Vertical
	SF200		SF115
	SF200		SF115
		SF404	
		SF404	SF115
Commercial ranges, Merit range & Karastan contract range)			
	SF200		
	SF200		
			SF115
			SF115
			SF115
			SF115
	SF200		
		SF600	SF115, SF165
		SF600	SF115, SF165
		SF600	SF115, SF165
	SF200		SF115

# FLOORING ADHESIVES GUIDE

Product/Backing	Type of bond Permanent
<b>Quantum Flooring Solutions</b>	
Aluminium	MT440, SF115
Brass	MT440, SF115
PVC	
PVC u	MT440, SF115
Rubber*	MT440, SF115
* Backing must be solvent wiped prior to bonding	
<b>Rawsons</b>	
Bitumen/Felt	SF 110
Bitumen/Felt	SF110
Bitumen/Felt	SF110
<b>Ryalux</b>	
Hessian	SF110
<b>Tarkett Ltd</b>	
Linoleum/Hessian	SF600
Linoleum/Hessian Floorcraft	SF165 (Refer to Tarkett)
Linoleum Tiles/Polyester	SF105, SF108
PVC	SF105, SF108
PVC Floorcraft	SF165 (Refer to Tarkett)
PVC Foam	SF105, SF108
PVC Foam Floorcraft	SF165 (Refer to Tarkett)
PVC Sports Flooring	SF105, SF108
PVC Wall Cladding	

All recommendations are based on installation in accordance with the floor covering manufacturers applicaiton instruction and also tremco illbruck technical data sheets and written specifications. 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.

	SF200		SF115
			SF115
			SF115

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