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Subfloor Preparation & Adhesives

Preparation & condition of the base

Before any adhesive is applied it is necessary to ensure that the subfloor or base is free from grease, oil, paint, polish or any other contaminant, which may affect adhesion. Adhesives should be applied to a clean, dry, cured and without laitance. An effective damp proof membrane must be provided. The site conditions should comply with British Standards 8203 and good ventilation.

Most Epoxy/PU Adhesives are slow to cure. These adhesives should be kept free from moisture. Floorcovering remains in contact with the adhesive until cured. Sandbagging may be used in accordance with manufacturer's recommendations.

Concrete/screed drying times

Please remember that 150mm of concrete will often take more than 12 months to dry.

The moisture content of the concrete/sand cement subfloor must not exceed 75%. A surface smoothing compound may be applied. If the moisture content is excessive a

Important Note: Calcium Sulfate/Gypsum based Screeds should never be treated as concrete. Please ask for a full Screed Specification and contact the Tremco Technical Department.

Underfloor Heating

Ensure that the Underfloor Heating System is fully commissioned, tested and balanced before applying Surface DPMs and Underlayments. The surface temperature of the concrete should be fully commissioned, as per the British Standards codes of practice and the Floorcovering manufacturer's instructions.

The underfloor heating system should be switched off at least 48 hours before, during the application of adhesives, Surface DPMs and underlayments and gradually recommissioned in accordance with the manufacturer's instructions.

Screed/concrete surface temperatures should be checked using a Raytek (or similar) infrared thermometer. High surface temperatures will accelerate the curing of smoothing compounds, adhesives and underlayments. Installation windows (Please refer to Tremco product literature and contact your Tremco representative for more information).

During the period of decommissioning an alternative heating source should be provided to keep the room at a constant temperature of between 18°C – 27°C.

Failure to follow these guidelines can result in the floorcovering de-bonding, shrinking and on some occasions discolouring.

Adhesive Selection

Dalsouple rubber floor covering can be laid with the following TREMCO or MAPEI adhesives:

Treadfast Floor Membranes, Smoothing Compounds and Adhesives

Tremco are a global organisation manufacturing high performance Surface Damp Proof Membranes, Specialist Flooring Adhesives for use in Department Stores, Shops, Schools, Hospitals, etc. Our goal is to understand our customers' needs and satisfy them by providing problem solving advice. Our advice service includes information on the following:

- Smoothing Compounds which can usually receive floor finishes after 24 hours (Tremco Fastcure)
- Surface Damp Proof Membranes (including Treadfast ES3000, Treadfast Fasttrack)
- Primers for most surfaces including calcium sulphate screeds
- Specialist Adhesives including conductive adhesives for virtually all internal and external applications

Tremco Limited, manufacturer of sealants, adhesives and weatherproofing technology, is a global organisation. A copy of their Environmental Policy Statement is available by contact your local Tremco representative.

The following Tremco products are recommended for Dalsouple rubber floor covering:

Product Name	Product Type	Comments
Treadfast 5000 AT	1 part adhesive derived from advanced polymer technology which is both solvent and isocyanate free - re-sealable container means less waste	Developed for bonding floor coverings including rubber tiles and wear and wet on
Treadfast 108	Acrylic dispersion (water borne and solvent free) adhesive for most rubber floor coverings	Suitable for single flooring, tiles and in dry areas with foot traffic
Treadfast Tretolthane	Polyurethane resin (catalyst cured) for interior or exterior use with wear levels up to heavy industrial traffic	Designed for the wide range of floor synthetic rubber trafficked areas
Treadfast 115	Solvent based, flammable contact adhesive for rubber	Developed for a range of floor coverings
Treadfast 111	Solvent based, non-flammable contact adhesive for rubber	Designed for the smooth backed rubber nosing and vertical surfaces
Treadfast 1635	2 part, solvent based, flammable contact adhesive for rubber	As above and also

Please Note: After installation of the covering, most flooring adhesives will require this period, maintain constant conditions of temperature and humidity and keep the



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Mapei Floor Preparation Systems & Adhesives

Have Sales and Technical offices worldwide with over 140 production facilities. Mapei is the world's leading manufacturer of adhesives for the Construction Industry. Mapei products will give many years of durability when the correct preparation, applications and curing are followed. See data sheets.

New or repair Screeds which can be utilised after 24 hours. (Mapecem)

Self Levelling Compounds which can be laid up to 30mm thick in 1 application.

Damp and Vapour Proof Barriers applied as a surface membrane. (Primer MF)

Primers to consolidate and seal weak surfaces. Primer G: Mapeprim SP Eco Prim

Conductive Adhesives for specialised conductive flooring

Adhesives which can be used for all types of installations whether it be domestic external applications.

Mapei - taking care of the environment

Products that are not only safe for the end user, but for the environment, products Organic Compounds, products that perform to the highest standards ? are all pro commitment to this market began in the early 1970s with the introduction of water Responsible Care? ? the company is totally committed to the ongoing developme be used worldwide.

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