

Tackifier Adhesive for Flooring

Description

XCHEM **ENIFIX CT** is a water-based, non-staining, low odor, solvent free, acrylic polymer, emulsion-based surface tackifier containing a blend of high-quality dispersions and water.

ENIFIX CT is odorless when dry and permanently tacky. **ENIFIX CT** gives a permanent tacky bond for the floor coverings with felt, bitumen, PVC and other polymer backing underlay's such as: Duralay Durafit, System Ten, Tredaire Technics & Terra Firma. **ENIFIX CT** is also suitable for use over normal underfloor heating systems as well.

ENIFIX CT has the following features:

- Excellent Adhesion and High Strength
- High Compatibility with various Backings
- Excellent Flow and Spread Properties
- Allows Easy Replacement of Tiles
- Washable and Water Resistant
- Low VOC and Low Odor
- Permanent Tack
- Non-Flammable
- UV Resistant
- Easy to Spread
- High Anti-Slip
- Anti-Bacterial
- Anti-Fungal
- Non-Toxic

Recommended Applications

ENIFIX CT is an ideal product designed for adhering floor coverings, especially carpet tiles with felt, bitumen, PVC and other polymer backings to existing smooth floors and adhering underlays to sub-floors when using a release bond underlay system.

ENIFIX CT may also be used at a low coating weight as a release system to allow easy removal of a floor covering when required.

ENIFIX CT is suitable for surfaces like raised access floor panels, concrete, cementitious screeds, asphalt, terrazzo, chipboard, hardboard, plywood, smoothing compounds and existing floor coverings, e.g. thermoplastic tiles, PVC or linoleum.

ENIFIX CT is suitable for use where there are underfloor heating installations (surface floor temperature must not exceed 27°C). However, heating should be switched off at least 48 hours before and after the installation of floor covering.

Conforms To

- LEED IEQ 4.1, Low Emitting Materials, Adhesives & Sealants (VOC <50 g/ltr)
- SCAQMD Rule 1168 & 40 CFR 59
- DCL Approved
- Free of asbestos, lead and mercury compounds

Specification Data

Colour:

White

Physical form:

Thixotropic Paste

Specific Gravity (ASTM D 1475-98):

1.00±0.05 kg/ltr

Solid Content (ASTM D 1644-01):

50±2 %

Viscosity (ASTM D 2196):

8000-15000 cPs

VOC Content (ASTM D 2369-98):

< 50 g/l

Open Time:

20-25 Minutes

Service Temperature:

Minus 18°C to 120°C

Coverage Range (subject to surface condition):

7 – 8 m²/kg.

Refer to application procedure section.

Application:

Brush, Roller or Trowel

Surface Preparation: Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion, including surface hardeners and additives. It should also have an effective damp proof membrane.

The subfloor should be tested in accordance with International Standards, using a properly calibrated and insulated hygrometer. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry.

Application Procedure: To achieve an overall release bond, **ENIFIX CT** should be applied by soft brush, roller or trowel over the entire floor area and allowed to dry to a clear, transparent, tacky film. Once clear, the tiles should be laid into position, ensuring that no air is trapped.

Alternatively, **ENIFIX CT** can be applied to the back of the tiles and left to dry to a clear, tacky film prior to bonding.

On porous surfaces, a permanent bond can be achieved by laying into wet adhesive. However, doing so onto non-porous surfaces (especially metal) will result in moisture entrapment and possible rusting of the metal access panels.

Packaging: 5, 10 & 20 Kg Plastic Pail

Storage: 12 months from date of manufacturing, if stored below 25°C.

Store under cover, protect from direct sunlight and high temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Cleaning: Clean with warm water and soap when wet. Mineral spirit, when dry.

Health & Safety: As with all chemicals, caution should always be exercised.

Consult Material Safety Data Sheet and container label for further information.

For professional use only. Keep out of reach of children.

Due to continuous product improvements, the data mentioned in the TDS is subject to change without prior intimation. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.