



DRI-FLOOR TC 3800

Eco-friendly, mono-component, transparent, silane-terminated polymer (STP) coating

Ultra low-VOC, ultra thin single-component (1C) coating based on the latest STP technology and does not contain any hazardous catalyst components or bad odour. Suitable to be overcoated on various surfaces for indoor or outdoor usage.

FEATURES/BENEFITS

- Eco-friendly green formulation: ultra low-VOC, solvent-free, isocyanate-free
- Mono-component: Easy application and minimizes risk of errors
- Tough & durable coating
- Fast curing & turn-around time
- Water-resistant with anti-carbonation, anti-mold, anti-algae features
- Heat resistant up to 250°C
- Able to be applied on dry & damp substrates
- Anti-static / Static dissipative version available
- Anti-slip, smooth finish

APPLICATION AREAS

- Ceramic, porcelain, marble tiles
- Existing epoxy or polyurethane floors
- Concrete / cementitious substrates
- Dry or slightly damp areas
- Production / warehouse floors
- Kitchens
- Bathrooms / wet areas
- Car parks

PRODUCT DATA

Appearances / Colours	Clear liquid
Packaging	1kg or 5kg
Shelf Life	12 months unopened
Storage Condition	Product must be stored in original, unopened and undamaged packaging in dry conditions and away from direct sunlight with temperatures between 4 – 38 °C.

TECHNICAL DATA

Origin	Silane terminated polymer (STP)
Smell	Almost odourless
Active Ingredient	100% of total solids
Specific Gravity	Approx 1.05
VOC Content	11.3 g/L (< 25 g/L)
Viscosity	80 – 150 cP

APPLICATION CONDITIONS

Application Temperature	0 – 55 °C
Skin Time	~ 30 minutes
Consumption	0.10 – 0.15 kg/m ² per coat
Recoating	4 – 6 hours
Foot Traffic	Min. 4 hours after full application
Full Cure	7 days
Adhesion Strength	Approx 5 N/mm ² (ASTM D4541)

SUBSTRATE

For overcoating on tiles, ensure that tiles are clean & without dirt, dust, grease, and/or any other contaminants. Loose & friable material should be completely removed & the surface should have sufficient gradient for water to run off easily without ponding. For overcoating on marble surfaces, ensure that any existing wax or coatings on marble are thoroughly removed via degreasing or light sanding prior to the application of Dri-Floor TC 3800. This is to ensure proper bonding of the material to the substrate.

New concrete should be cured for at least 28 days and should have a pull-off strength 1.5 N/mm². Cement or mineral based substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and to achieve an open textured surface. Loose friable material and weak concrete must be completely removed and surface defects such as blowholes and voids must be fully exposed.

APPLICATION

Dri-Floor TC 3800 is supplied ready-to-use and does not require any mixing.

Application can be applied by hand brush, roller or airless spray equipment.

LIMITATIONS

- Coverage, application times, resistance to foot traffic and time until full resistance are determined by temperature, site properties and condition.
- Do not apply on substrates with rising moisture.
- Incorrect assessment and treatment of cracks may lead to a reduced service life & reflective cracking. Ensure all substrate defects are repaired appropriately prior to application of Dri-Floor TC 3800.
- The setting time of Dri-Floor TC 3800 decreases as the humidity/moisture level of the environment increases.
- This product is for professional use only. Before using the product, please read the safety data sheet (SDS) and instructions.
- Wear appropriate protection, including eye protection and chemical resistant gloves.
- During application and until the coating dries, the treated surface will be slippery. Take extreme care when walking on wet product.

HEALTH & SAFETY

For information & advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In

practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.