TERRIX®
internal paints

Terrix® IP-LT-X

latex antibacterial
hygienic paint
premium matt

main properties

- High resistance to bacteria growth
    - Escherichia coli / ATCC 8739 / - colon rods - negative gram
    - Staphylococcus aureus / ATCC 6538 / staphylococcus aureus - positive gram;
- Extreme wet scrubbing resistance - class I
    - 5 times better than required for class I - EN-13300-200;
- Resistant to disinfectant agents:
    - 3% r-r DESRESON
    - 0.5% r-r VIRUFEN
    - 1% r-r SPRINT DEGERM
    - 1% r-r VIRKON;
- Ecological and friendly to people and the environment (VOC-free);
- LEED/BREEAM certified;
- Easy to keep clean (stain resistant, including blood);
- Flexible - resistant to cracking;
- Vapour permeable;
- One coat application.

product description and areas of application

High-quality ceramic antibacterial hygienic topcoat paint for applying protective and decorative paint coatings inside buildings.

It is especially recommended to paint walls in rooms of heavy traffic (such as corridors, staircases, etc.) and 'wet' rooms (such as kitchens, bathrooms, and laundries). It is also recommended for public utility buildings, health service premises, hospitals, operating theatres and food industry production plants (without direct contact with food).

It is intended for painting mineral substrates (such as concrete, cement renders, cement-lime renders, lime renders, and gypsum renders as well as drywall) and those covered by coatings, topcoats based on polymers and covered with wallpapers made of glass fibres. It is used for primary and renovation painting on substrates with uniform or changeable structure and colour.

Before paint application, absorbent substrates should be primed with Terrix® PR-UA or Terrix® PR-IP.

technical data

Base binder: synthetic adhesive;
Pigments: titanium white and colour pigments;
VOC content: Cat A/a. The product contains less than 30g/l VOC. For a white, uncoloured product, the VOC content of the product is 0 g/l;
Density: approx. 1.45 g/cm³;
Colour: white, colours from the PCC colour chart and selected NCS colours or according to samples provided;
Gloss level: matt;
Solvent: water;
Usage: approx. 0.22 l/m² (two coats on the smooth substrate);
Temperature of application (air and substrate): from +5°C to +25°C;
Relative humidity: ≤80%;
Resistance to wet scrubbing: paint of class I (EN 13300);
Packaging: single-use plastic packaging of 10 l;
Storage: the product should be stored in its original sealed packaging in a cool, dry and frost-protected room. After opening and using some of the contents, the packaging should be resealed, and the remainder of the product should be used as soon as possible;
Shelf life: 18 months from the manufacture date specified on the packaging, provided that the storage requirements are observed.
CAUTION: Keep the product out of reach of children.

application

Substrate preparation:

Apply to a sound, clean substrate (without cracks and delaminations), degreased, even, dry, and biological or chemical efflorescence free). The substrate should be free of algae/fungi growth.

In case of microbial contamination, the substrate should be cleaned with a power washer. Subsequently, a biocide solution for removing microbial contamination is to be applied as per the product manual. Any loose layers not bound to the substrate (such as loose plasters or flaked paint coats) should be removed. Wash and degrease old and dirty substrate with water and a cleaning agent. If there are any significant irregularities to the substrate, these should be levelled out using a levelling compound. Slight irregularities can be levelled with levelling render.

PRIMING: Before paint application, absorbent or dusty (strongly chalking) substrates should be primed with Terrix® PR-UA. Skim-coated substrates or non-uniformed should be primed with Terrix® PR-IP.
Typical drying time ca. 4h for the product applied on the substrate in optimum conditions (20°C, 55% RH). Once the primer is completely dry, Terrix® IP-LT-X paint may be used.
Note: Substrates of low wettability (such as topcoats based on polymers or dispersion paint coatings) should not be primed and only washed with water with the addition of a cleaning agent. Before the paint is applied to polymer-based substrates, a test is recommended.
Note: the primer coat may not be applied on newly completed mineral substrates
 (i.e. cement, concrete, and lime mortar renders) - min.: 2 weeks curing period is required.

Note: Avoid mixing Terrix® IP-LT-X with other paints, as it may reduce the product's technical performance.

Preparation:

The packaging contains a ready-to-use product. If required, add a small amount of clean water: max. 10% for the first coat and max. 5% for the second coat (quantity of added water may vary for different substrate types, weather conditions and application methods).

Application method:

Paint is to be applied on the substrate in two layers by a paintbrush, roller made of fleece with a bristle thickness of 18 mm or spraying (including also 'airless' method). The second coat can be applied once the first coat is completely dry.

Airless spraying:

Manufacturer: GRACO	Model: St Max 395	Nozzle: PAA 517
Pressure [bar]: 180	Filter [mesh]: 60	Dilution [%]: 5
Usage [l/min]: 1.25		

Drying:

Typical drying time ca. 4h (20°C, 55% RH). Full mechanical properties are achieved after 4 weeks.
Note: Drying time may be longer due to low temperatures and high relative humidity.

Useful hints:

Colour differences may be avoided by applying a single product batch to the entire wall or element in one working cycle. Product to be used with temperatures above +5°C.
All tools are to be cleaned with water after finishing work.

PCC MORAVA-CHEM s.r.o, Leoše Janáčka 798/20, CZ-737 01, Český Těšín
mail: terrix@pcc.eu; tel: +420 558 769 111 www.terrix.co.uk

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