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Neotherm[®] AC

Anti-condensation paint

Description of the product

Anti-condensation paint with thermal insulating properties, suitable for interior use. It is used as an anti-condensation paint in cases of poor thermal insulation, permanently preventing the growth of mould and bacteria.

Fields of application

Neotherm[®] AC is applied on vertical surfaces (plaster, concrete, bricks) and ceilings, prevents vapor condensation contributing to energy savings. Suitable for thermal bridges which are a basic cause of vapor condensation and the appearance of mould and bacteria, in cases of buildings with inadequate heat insulation and high humidity during the winter.

Properties/Advantages

- Permanently and effectively prevents the development of mould
- High water vapor permeability and low thermal conductivity (compared to conventional paints) which prevents air condensation in cold parts (such as beam junctions, ceilings, northern walls, etc.)
- High resistance to frequent washing
- High whiteness
- Can be colored to coloring systems

Technical characteristics

Appearance	Viscous liquid
pH	8-9
Density	1,02 ± 0,02 g/cm ³
Consumption	200-300ml/ m ² for 2 layers
Drying time	2 hours at 25°C
Dry to recoat	24 hours
Dilution	Up to 5% with water
Thermal conductivity λ	≤0,136W/mK (for relative humidity ≤65%)

Application instructions

Surface preparation: Surfaces must be clean, dry and free from dust, grease, dirt and loose material. If the surface is affected by mould it must first be cleaned with an anti-mould liquid or washed with a chlorine solution in water. It is advised to repeat this process up to 3 times.

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA .It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

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Neotherm[®] AC

On surfaces without previous paint, after careful cleaning, prime with one layer of **Revinex[®]** diluted with water in a ratio **Revinex[®]**: Water - 1: 3.

Application: Apply two or more layers of **Neotherm[®] AC** using a brush or a roller, diluting with water (up to 5%).

Special notes

- The product should not be applied at temperatures < 5°C. Application conditions: surface relative humidity <6%, air relative humidity <70%.
- In areas with severe mould or high humidity problems it is advised to apply a third coating of **Neotherm[®] AC**. The consumption of the material in this case is 400ml/ m².

Packing

10L, 3L and 1L plastic containers

Colour

White

Storage stability

The product is stable for 2 years, when kept unopened in its original container, protected from frost and direct sunlight.

Cleaning of tools

Use plenty of water and soap immediately after application.

Stain removal

Use water when the stain is still fresh and damp. In case of hardened stains, use mechanical means, or a paint remover.