

Inducoat Bacteria

Product Data Sheet
 Version 2.0 - january 2024
 Water dilutable bacteria resistant coating

Description

Inducoat Bacteria Resistant coating is a water dilutable product based on a styrene acrylic copolymer. This product has been formulated with specific biocides assuring a long term bacteria resistance, for application on walls and ceilings.

Recommended uses

Inducoat Bacteria Resistant coating should be used for interior applications on mineral substrates like new and old masonry, plaster, concrete and brickwork, that are exposed to conditions which favour the development and growth of bacteria. Inducoat bacteria resistant coating can be applied with brush, roller or by airless spray.

Technical data

Appearance	Flat
Colour	White
Spec. mass	1.40 kg/L
Solids contents	59 % by weight 43 % by volume
Viscosity	100-150 P (Brookfield 20 Rpm)
Recommended wet film thickness	90 microns, corresponds with 40 microns dry
Theoretical Coverage	11 m ² /L at 40 microns dry
Practical coverage	approx. 10 m ² /L depending on application method as well as roughness and porosity of the substrate
Drying times	at 20°C and 50% relative humidity
Tack free	1 hour
Recoatable	4 hours
Full hardness	3 days
Heat resistance	90°C (dry heat)
VOC contents	max. 70 g/L

Surface preparation

New concrete, plaster or brick surfaces should cure and dry for at least 30 days prior to application of the coating. When applying to new brickwork remove any cement rests or residues using a wire brush. Surface defects should be repaired.

Remove oil, grease and other surface contaminants by high pressure- (steam) cleaning, combined with appropriate detergents. Remove old, deteriorated coatings by scraping, wire brushing or using high pressure (steam) cleaning.

Remove bacteria and mould by additional cleaning with Inducoat Cleaner.

On porous or chalking substrates a coat of InduFIX Impregnating primer should be applied before application of the Inducoat Bacteria Resistant coating. Before the application of the coating the surface has to be clean. A slight dampness of the substrate is acceptable.

Directions for use

Mix the paint before use till fully homogeneous.

Thinning and application

Brush:	Up to 5 % vol. water. Use brushes suited for water dilutable products (blend of synthetic and natural bristles).
Roller:	Up to 5 % vol. water. Acrylic or polyester (8-12 mm) rollers. For textured surfaces long nap (14-16 mm) rollers.
Airless:	Nozzle 013-018, avoid thinning with water.

Cleaning of the equipment

Soeap and (warm) water. Clean immediately.

Conditions

Temperature of coating, substrate and air between 5 en 35°C, relative humidity < 80%. Temperature of substrate at least 5°C above the dew point.

Remarks

Dry film thickness not over 90 microns. (190 microns wet)

Storage stability.

At least 3 years from manufacturing date in unopened, original cans. Keep from freezing, and direct sunlight at temperatures between 5 and 35°C.

Safety

Consult the Label text and the Material Safety Data Sheet.

The data herein are given in good faith and based on practical experience and testing. Upon appearance of a new sheet, this version becomes obsolete. No responsibility based on the data given can be assumed, because application and conditions are beyond our control.