



Clear Coat Technical Sheet

- Reduces air pollution
- Is bacteria resistant
- Applicable on different substrates



20/30m²/ Lt



Protect from frost



Dipping
Roller
Spray



Clean with water

Features

Clear Coat is a water based solution, containing titanium dioxide. It assures to the surface treated antibacterial, antipollution and self cleaning properties. It is suitable for different substrate such as glass, steel, polymers, construction components, furnitures or semifinished products. After deposition and coating consolidation surface functionalization is stable at water and mild acidic and basic environments.

Methods and rates of application

The recommended deposition technique obviously depends on the place of application (in industrial building or in the field) and on the substrate, but some general guidelines can be provided in any case:

Dipping

The workpiece to be treated is immersed in the product and extracted at a controlled speed between 100 and 300 mm/min. The higher is the extraction rate, the thicker is the film. The dipping bath must be covered when not used (especially in warm environments) to reduce evaporation of the product.

Spraying

The solution is sprayed using a spray gun, airbrush or another tool. The optimal amount of product to be sprayed is comprised between 1,5 and 4 cl/m² which may be increased up to 30 cl/m² in the case of porous surfaces.

For industrial applications it is advisable to use a spray chamber. In the case of outdoor treatments the operator must be provided with the essential personal protective equipment (mask, suit, etc), according to the national labour legislation.

Brush Painting

This technique doesn't allow the deposition of a film with controlled thickness but can be used for preliminary test or when other deposition methods can not be used.

Film Consolidatio

Consolidation time depends on the temperature of exposure and on the thickness of deposited film. Approximately few hours are needed at 60-80°C (although the temperature can be higher) whereas some days are required for room temperature drying.

Storage

The product can be stored for several months but sometime a mild sedimentation may occur. To homogenize again the mixture again a moderate stirring is suggested.

Supply

The product is provided in packagis of 5 or 10 Lt.

First Aid

Eyes: Remove contact lenses. Wash immediately with plenty of water for at least 30/60 minutes, opening her eyelids. Consult a physician immediately.

Skin: Take off contaminated clothing. Taking a shower immediately. Consult a physician immediately.

Ingestion: Give to drink water as much as possible. Consult a physician immediately. Do not induce vomiting unless expressly authorized by the doctor.

Inhalation: Call a physician immediately. Bring to fresh air, away from the accident site. If breathing has stopped, administer artificial respiration. Take appropriate measure for the helper.

For further information, please make reference to the Security Sheet (MSDS). KEEP LOCKED UP AND OUT OF THE REACH OF CHILDREN.

Physical and chemical characteristics

Appareance	liquid
Colour	opalescent
Odour	characteristic
pH	1
Boiling point	≈ 98° C

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