



ECOTUNNEL DATA SHEET

PRODUCT
A water paint based on styrene acrylic resin for use in tunnels. The specially selected raw materials provide excellent PHOTOCATALYTIC characteristics.
CHARACTERISTICS
The specific PHOTOCATALYTIC properties of the formulation allow for the oxidation of pollutants and their subsequent transformation into harmless residual substances. <ul style="list-style-type: none">• “Cleaning” effect of pollutants by means of the decomposition of micro-organisms that dirty surfaces.• Antibacterial and anti-mould action by means of photocatalytic oxidation-reduction of components thus leading to the removal of unpleasant smells.
USES
<ul style="list-style-type: none">• For covering the vertical sections and roofs of tunnels.• Areas with poor external lighting.
METHOD OF APPLICATION
The paint is to be applied using brushes, rollers or airless spray equipment. Dilution - First coat 25-30%, second coat 20% with water. The surfaces must be free from saline efflorescence, flakiness and peeling. Make sure that the surfaces to be treated are first given a coat of a suitable primer (FOTODECOR PRIMER). <i>When applied in tunnels, see that the surfaces are periodically cleansed with low-pressure sprays to wash away residues from photocatalytic reactions</i>

TECHNICAL CHARACTERISTICS

- Mixture density - 1.57 g/cc
- Flash point - Non-inflammable (cl 0). (Does not give off noxious fumes)
- Permeability to water vapour - Excellent
- Packaging - 14 litre drums
- Covering capacity - Approx 5-6m²/litre. (smooth surface)
- Colour - White
- Storage - Store in a warm place
- Application temperature - Between 5° and 35°C
- Drying at 25°C - 30 – 40 minutes finger dry

SPECIFICATIONS

Styrene acrylic resin-based paint containing photocatalytic substances including titanium dioxide (TiO²) with PPS (Proactive Photocatalytic System) technology, inert ultra-fine substances and specially prepared additives that meet the specifications of Ministerial Decree ((Department of the Environment) dated 01.04.2004