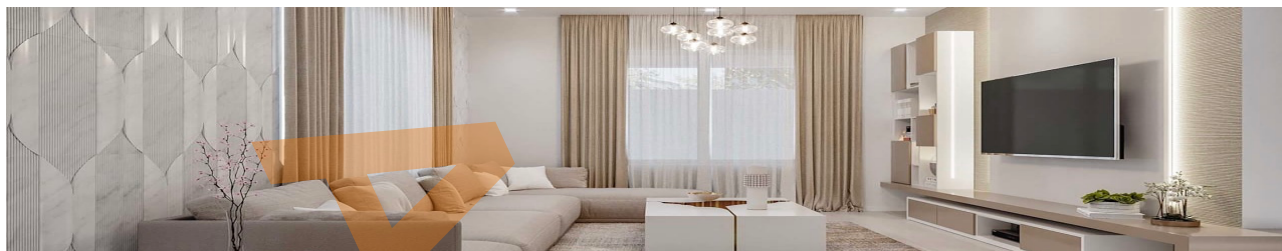


Photocatalytically active coating for air-cleaning and odour neutralisation (indoor use)



Product description

AC10207 is a very fine, water-based dispersion to produce photocatalytically active coatings. Upon radiation with light, the coatings will release oxygen radicals from the ambient air and thus decompose solid and gaseous substrates by oxidation („cold combustion“). AC10207 is active under UV light (sunlight) as well as under artificial light up to a wavelength of 475 nm.

AC10207 is designed to clear the interior air from pollutants (VOC) and unpleasant odours. Plain surfaces will get selfcleaning properties.

Technical information

Ingredients:	TiO ₂ , H ₂ O
Appearance:	yellowish transparent liquid
Active material:	2,3 - 2,5 % by weight
Effective light spectrum:	up to 475nm
pH value:	approx. 8,0
Primary particle size:	<8 nm
Specific density:	1,023 g/ml

Storage

Keep in a dark place at temperatures from +5°C to +30°C. Shelf life 6 months in originally-sealed container; opened containers have to be used up within 4 weeks. To be applied at ambient temperatures of min. 15 °C.

Product and/or ingredients are listed at:
CAS, EINECS, TSCA, AICS, CEPA, MITI

Package sizes

5 litres in plastic can
25 litres in plastic can
200 litres in barrel

Application

AC10207 can be applied on various interior surface (e.g. plaster, wallpaper, wall paint), but not on glass, glazed tiles and plastics. It is recommended to apply AC10207 with electrostatic spraying technique, alternatively with HVLP. Surfaces to be coated must be clean, dry and free of grease. Shake can before use.

Recommended application quantities:

Plain surfaces	30 ml/m ²
Textured surfaces	60 ml/m ²
Absorbent surfaces	100 ml/m ²

On dark surfaces, please apply the primer TP2223 first (15 to 40 ml/m²) and reduce the above mentioned application quantities by approx. 25 %.

Drying 30 to 60 minutes, subsequent hardening 24 hours, each at ambient temperatures of min. 20°C.

Safety instructions: Please observe the general safety information for handling chemicals and the appropriate Safety Data Sheet which is relevant for this product. Never mix with other chemical products!

