

Photocatalytically active coating (indoor use) for the protection of surfaces against germs of any kind



TA 2206

Product description:

TA2206 is a very fine, water-based **dispersion to produce photocatalytically active coatings**. Upon radiation with light, the coating will release oxygen radicals from the ambient air and thus decompose solid and gaseous substrates by oxidation („cold combustion“). **TA2206** is active under UV light (sunlight) as well as under artificial light up to a wavelength of 475 nm.

TA2206 is designed to **protect interior surfaces against germs, viruses and bacteria**. To support the photocatalytical effect, **TA2206** is doped with silver ions.

Technical information:

Ingredients:	TiO ₂ , H ₂ O, Ag
Appearance:	opaque transparent liquid
Active material:	0,75 - 1,0 % by weight
Effective light spectrum:	up to 475 nm
pH value:	approx. 8,0
Primary particle size:	<8 nm
Specific density:	1,095 g/ml

Storage:

Keep in a dark place at temperatures from +5°C to +30°C. Shelf life 12 months in originally-sealed container; opened containers have to be used up within 4 weeks.

To be applied at ambient temperatures of min. 20 °C.

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

Package sizes:

1 litre in PE bottle
5 litres in plastic can
25 litres in plastic can
200 litres in barrel

Application:

TA2206 is designed for various interior surfaces (e.g. plaster, wallpaper, wall paint, painted surfaces, plastics), **but not** for glass, metal and transparent plastics.

It is recommended to apply **TA2206** 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 and on plain surfaces consisting of plastics or paint, please apply the **primer TP2223** (15 to 50 ml/m²) first and reduce the above mentioned applied quantities by approx. 25 %.

Drying 30 to 60 minutes,
subsequent **hardening** 5 days, 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!