

Baysilone®-Paint Additive OL 31



Polyether-modified methyl polysiloxane, 100 % active ingredient

Description

Additive to improve slip and levelling properties

Characteristic data

Appearance:	clear	
Delivery form:	100 % active substance	
Iodine Colour Shade:	max. 5	DIN 6162
Viscosity (23 °C), mPa·s:	2,000 – 2,900	DIN 53015
Density (20 °C), g/cm ³ :	1.020 – 1.026	DIN 53217
Refractive index (23 °C):	1.437 – 1.441	DIN 51423
Turbidity, NTU:	max. 5	DIN EN ISO 7027
Flash point, °C:	approx. 90	DIN 51758

Solubility

aliphatic hydrocarbons	insoluble / soluble
aromatic hydrocarbons	soluble
alcohols	soluble
esters	soluble
ketones	soluble
glycol ethers	soluble
glycol ether acetates	soluble
water	soluble

Properties

Baysilone®-Paint Additive OL 31 is a very effective levelling agent and also improves slip properties. It eliminates craters, spray structures and surface defects such as may be caused by silicone products (e.g. in polishes).

Applications

Baysilone®-Paint Additive OL 31 is usable in paints which dry physically as well as in chemically curing paints. It is characterized by good binder compatibility and is particularly suitable for use in silicone resins. Since solutions in water are relatively stable, its use in waterborne paints is also possible in principle. Extensive trials should nevertheless be performed beforehand.

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Dosage

0.05 - 0.50 % based on solids content

Recoatability

Loss of adhesion between base and top coat or of recoatability is unlikely at low addition rates. Such defects, the causes of which include over-baking, may be intensified, however.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C.
Once opened, containers should be resealed immediately after each removal of the product.

Penetration of water and atmospheric moisture into the containers must be prevented.

Safety

Please refer to our safety data sheet for information relating to product safety.

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