

Baysilone®-Paint Additive OL 44



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. 2	DIN 6162
Viscosity (23 °C), mPa·s:	800 - 1000	DIN 53015
Density (20 °C), g/ml:	1.03 - 1.04	DIN 53217
Surface tension (23 °C), mN/m:	approx. 21	DIN 53914 (with Harkins-Jordan correction)
Refractive Index (23 °C):	1.448 – 1.452	DIN 51423
Flash point, °C:	approx. 90	

Solubility

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

Properties

Baysilone®-Paint Additive OL 44 is an effective levelling agent. It eliminates craters and spray structures and increases slip properties.

Applications

Baysilone®-Paint Additive OL 44 is very versatile. It is characterized by good to very good efficiency in baking paints based on alkyd resin, alkyd / amino resin combinations and in acrylic resin and acrylic / amino resin combinations.

Baysilone®-Paint Additive OL 44 is water-soluble but, in view of the limited stability of such solutions in water-borne systems, extensive trials should always be conducted 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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