

Baysilone[®]-Paint Additive OL 17



Polyether-modified methyl polysiloxane, 100 % active ingredient

Description

Additive to improve flow properties and surface smoothness

Characteristic data

Appearance:	clear	
Delivery form:	100 % active substance	
Iodine Colour Shade:	max 3	DIN 6162
Viscosity (23 °C), mPa·s:	600 - 800	DIN 53015
Density (20 °C), g/cm ³ :	1.025 – 1.050	DIN 53217
Surface tension (23 °C), mN/m:	approx. 21	DIN 53914 (with Harkins-Jordan correction)
Refractive index (23 °C):	1.445 – 1.449	DIN 51423
Turbidity, NTU:	max. 4	DIN EN ISO 7027
Flash point, °C:	approx. 80	DIN 51758

Solubility

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

Properties

Baysilone[®]-Paint Additive OL 17 is an effective flow-promoter and also improves surface smoothness. It eliminates spray structures, orange-peel and prevents the formation of craters.

Applications

Baysilone[®]-Paint Additive OL 17 is characterised by good binder compatibility and a high degree of efficiency in many binders. It is particularly suitable for chemically curing systems, primarily Desmodur[®] / Desmophen[®] paints.

Baysilone[®]-Paint Additive OL 17 is water-soluble but its use in such solutions should always be preceded by extensive trials on account of their limited stability in water-borne binders.

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Dosage

0.05 - 0.50 % based on solids content

Recoatibility

Loss of adhesion between base on 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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