

# NANOBYK-3630

Nano-additive based on nanosized boehmite particles for solvent-borne and high-solid architectural coatings to improve scratch resistance.

## Product Data

### Composition

Dispersion of surface-treated nanosized boehmite particles

### Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (68 °F):	8.68 lbs/US gal
Non-volatile matter (10 min., 302 °F):	39 %
Solvents:	Aromatic-free white spirit
Flash point:	149 °F
Nanoparticle content:	30 %
Particle size D50:	< 30 nm

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Storage and Transportation

Storage and transport between -10 °C (14 °F) and 50 °C (122 °F).

### Special Note

Stir before use.

## Applications

### Coatings Industry

#### Special Features and Benefits

NANOBYK-3630 improves the scratch resistance of coating surfaces without negative impact on properties such as gloss and transparency. The protective effect is achieved after only a very brief drying period. The additive is particularly recommended for solvent-borne, aromatic-free, alkyd-resin-based architectural coatings.

#### Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
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☒ Particularly recommended   ☐ Recommended

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## Recommended Levels

2-10 % additive (as supplied) based upon solid resin.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

## Incorporation and Processing Instructions

The product is easy to incorporate and should be stirred into the coating.

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