

Betolin[®] AH 250

Water repellent for waterbased coating systems

Chemical description

Betolin AH 250 is an aqueous emulsion of a special polysiloxane.

Mode of action

The application of Betolin AH 250 results in a hydrophobic surface of paint or plaster coats; thus the water uptake (w_{24} value) is strongly reduced. The water vapour permeability (s_d value) is not influenced.

Specification (average values)

Dry content:	approx. 55,0 %	007 *)
Density (20°C):	approx. 1,00 g/cm ³	042 *)
pH value:	approx. 9	008 *)
Viscosity (20°C):	approx. 100 mPas	053 *)
Appearance:	white, milky emulsion	

*) Internal method code – description available on request

Properties

- Solvent free.
- Non-combustible.
- High and efficient hydrophobizing effect.
- Reduces tendency of surface soiling.
- Can easily be mixed into waterbased coatings.
- Reduces the tendency of pigment settling in silicate emulsion paints.
- Susceptible to frost.

Application

Betolin AH 250 is added as water repellent to waterbased coatings, especially also to silicate emulsion paints and plasters. Usual concentrations are 0,6 – 1,0 up to 2,0 weight %.

Note

Betolin AH 250 is only slightly hazardous to ground water.

Storage

Protect from frost. In closed containers storage stability at least 6 months.

Labelling / Safety

Please see safety data sheet.

Packaging

drum
container

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