

Unisil SE 50-12HA

Water-soluble emulsion of siloxane resins

Description

Unisil SE 50-12HA – emulsion of reactive polydimethylsiloxane and solution of amino-functionalized polysiloxane oligomer in water.

Features

- Multifunctional:
 - the presence of reactive groups provides, after the application of the protective coating, the formation of a strong chemical bond with the treated material;
 - amino-functional polysiloxane oligomer increases adhesion to the treated surface;
 - the protected surfaces are characterized by low water absorption, resistance to dirt, good appearance and durability, resistance to solar radiation;
- gives elasticity to water-dispersion paints.

Packing

- Polymer canisters up to 25 dm³;
- combined barrels (steel-polyethylene) 200 dm³;
- barrels polyethylene up to 220 dm³;
- special polymer containers up to 1 m³.

Safety instructions

Detailed instructions are given in the relevant product safety data sheet. It can be provided upon request from the Unisil Hungary Kft or printed from the website Unisil Hungary Kft www.unisil.eu.

Areas of application

- In combination with other binders for the production of high quality facade paints;
- independently for hydrophobic protection of silicate surfaces.

Note:

- When used together with other binders, check compatibility in advance.

Storage

Guaranteed shelf life of Unisil SE 50-12HA is 6 months at a temperature from 5 °C to 30 °C. Store in closed original containers of the manufacturer.

Store in a cool, dry, well-ventilated place, protect from moisture and direct sunlight, away from heaters.

Sensitive to frost. Irreversible changes may occur after exposure to temperatures below freezing point. Store away from strong oxidizing agents.

When selecting a product, do not allow it to be kept in an open container for a long time. After partial withdrawal of the product, the container should be hermetically sealed.

Storage over the date specified on the label does not necessarily mean the product is unusable. In case if store more please check the properties of product before use.

Product specification

Appearance	Milky to light beige emulsion	Visually
Mass fraction of non-volatile substances at (105,0±2) °C, (120±5) min, (2,0±0,2) g, %	At least 48	EN ISO 3251
Dynamic Brookfield viscosity at (25±1) °C, spindle L, mPa·s	At least 250	ISO 2555
Media reaction (pH of 25% solution)	(5,5 – 7,0)*	

* The emulsion can be produced with pH values agreed with the customer.

To obtain more information please contact your local representative of Unisil Hungary Kft.

LIMITED WARRANTY INFORMATION PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose. Unisil Hungary Kft only guarantees that the product meets its specifications in effect at the time of delivery.