



EMSO-DM

Siloxane resin water-soluble emulsion

Characteristics

EMSO-DM - emulsion of polymethyl alkoxysiloxane in water.

Features

- Based on polymethylalkoxysiloxane resin with functional groups;
- the presence of reactive groups ensures, after the application of the protective coating, the formation of a strong chemical bond with the processed material, while ethanol is released and evaporated;
- easily combined with other binders;
- improves the elasticity of the coating;
- protected surfaces have low water absorption, resistance to pollution, good appearance and durability, resistance to solar radiation.

Applications

- As a binder for the production of paints and plasters based on silicone resin emulsion;
- in combination with other binders for the production of high-quality facade paints;
- independently for hydrophobic protection of silicate surfaces.

Storage

Store in original containers in a dry, cool and ventilated place, away from sources of ignition and high temperatures. Protect from direct sunlight and freezing.

Sensitive to frost. After exposure to temperatures below freezing point, irreversible changes may occur.

Keep away from alkalis, strong oxidizing agents and organic acids.

The shelf life is 12 months at temperature from 0°C to +30°C. 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.

Packing

Material - high density polyethylene (HDPE):

- canisters with a capacity of up to 20 dm³;
- barrels with a capacity of up to 200 dm³;
- containers - 1 m³.

Safety instructions

Please see detailed instructions in the relevant product safety data sheet, which can be provided upon request.

Technical characteristics

Parameter name and measure unit	Standard
Appearance	From milky to light beige color emulsion
Mass content of solids, %	50-56
Density at temperature (+25,0±0,5)°C, g/cm ³	About 1,000
Dynamic viscosity at temperature (+25±0,5)°C, mPa•s, min.	800
The reaction of the medium (pH of the aqueous extract)	6,0 – 8,0 *
*EMSO-DM can be produced with pH values agreed with the customer.	

To obtain more information please contact your nearest representative office of Silkor Ltd.

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.

Silkor Ltd only guarantees that the product meets its specifications in effect at the time of delivery.