



## Emulsion ME-50/42

Emulsion of mineral oil for dust control and water repellence treatment

### Characteristics

Emulsion ME-50/42 – solvent-free aqueous emulsion of mineral oil.

### Features

- Prevents the formation of fine dust during mineral wool production.
- Reduces the water absorption of mineral wool insulation.
- Improves gas and water vapor permeability of the material.
- Accelerates and facilitates installation of treated materials.
- Reduces the harmful effects of dust on the human body during contact with mineral wool.
- To increase the water repellency effect it is recommended to use mixed with the emulsion SE 50-12L.

### Applications

Used for dust control and water repellency treatment of mineral wool products based on basalt and glass.

### Methods of application

Emulsion ME-50/42 is applied by spraying together with binder and other additives.

When application of the emulsion ME-50/42 together with the emulsion SE 50/12L the mixing ratio is one weight part of the emulsion SE 50/12L for 3-5 weight parts of the emulsion ME 50/42.

Reprocessing of fiberglass and mineral wool products after curing of the emulsion emulsion ME 50/42 (or mix of emulsions ME 50/42 and SE 50/12L) is not recommended.

The amount of applied emulsion ME 50/42 (or mix of emulsions ME 50/42 and SE 50/12L) depends on the desired properties of the end product, so no general advice can be given. To determine the optimal amount please provide individual tests.

Normally, the sufficient amount of emulsion (or mix of emulsions ME 50/42 and SE 50/12L) is 0.6-1.2% by weight of dry fibrous material.

### Precautions for use

- As the shelf life of various mixtures depends on the content of binder and additives, no general advice on their compatibility can be given.
- Always test the selected concentration of ME 50/42 (or mix of emulsions ME 50/42 and SE 50/12L) on the trial sample to determine the optimal amount of material and the suitability for use in a particular case.

### Storage

Store at a temperature from +5°C to +40°C in original containers in cool, dry, well-ventilated place, protected from moisture and direct sunlight, away from heaters, also tanks with strong oxidants agents. Guaranteed shelf life in original container is 12 months.

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

- polymer canisters up to 25 dm<sup>3</sup>;
- polyethylene drums up to 50 dm<sup>3</sup>;
- combined barrels / steel-polyethylene / 200 dm<sup>3</sup>;
- barrels polyethylene up to 220 dm<sup>3</sup>;
- special polymer containers up to 1 m<sup>3</sup>.

### Safety instructions

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

## Technical characteristics

NAME OF PARAMETER AND UNIT OF MEASURE	STANDARD
Appearance	Homogeneous liquid free of mechanical impurities, color is not standardized
Mass content of solids, at least, %	48
Relative viscosity at temperature (20 ± 2,0) °C, by viscometer VZ -246, nozzle diameter 4mm, s	30-150
Stability on dilution, at least, hours	24

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.