

SARSIL® mineral

Silicone emulsion

PRODUCT DESCRIPTION

SARSIL® mineral is a water emulsion of polysiloxanes designed for hydrophobization of mineral wool bonded with a binding agent made of phenol resins.

CHARACTERISTICS

No.	PARAMETER	SARSIL® mineral
1.	Colour	milk-white liquid
2.	Viscosity at 20°C, cP	above 200
3.	pH	6÷7,5
4.	Dilution	with water
5.	Active substance content	min.70%

APPLICATION

SARSIL® mineral is used as a modifier of a binding agent made of phenol resin. The emulsion is recommended to be used as an additive in the quantity of 0.08 to 0.2 % relative to the amount of binding agent. Optimal amount of the emulsion to be used should be determined based on the initial tests performed.

SARSIL® mineral can be added directly to the binding agent solution. However, better distribution of this modifier in the phenol binding agent can be achieved when the modifier diluted in water is applied.

Recommended dilution ratio: 1:1 or 1:5 (SARSIL® mineral: water). Gently mix the emulsion while adding water.

Remark: SARSIL® mineral is characterized by a very good miscibility with the solutions of the binding agent made of phenol resins. Nevertheless, prior to modification of the binding agent, the miscibility test is recommended to be carried out.

SPECIAL FEATURES

- easy to use (single-component agent)
- hydrophobic effect is guaranteed for mineral wool
- very good miscibility with phenol binding agent
- lack of toxicological hazards

Storage:

Store in the original packaging in roofed and dry rooms at a temperature from +5°C to +30°C. Protect against freezing.

Warranty period:

12 months from the date of manufacture.

Packaging:

1, 5, 30, 200, 1000 kg

Producer's notes

The information contained in this document is given in good faith based on our current knowledge. However, this shall not constitute a guarantee for any specific product features. Each user bears the full responsibility for making its own determination as to the suitability of product for its own particular purpose. Because actual use of product by the user is beyond our control, such use is within the exclusive responsibility of the user, and we cannot be held responsible for any loss incurred through incorrect or faulty use of the product. For more detailed information please contact us in writing or by phone.