

SILICONE EMULSION SE-50/12

More details

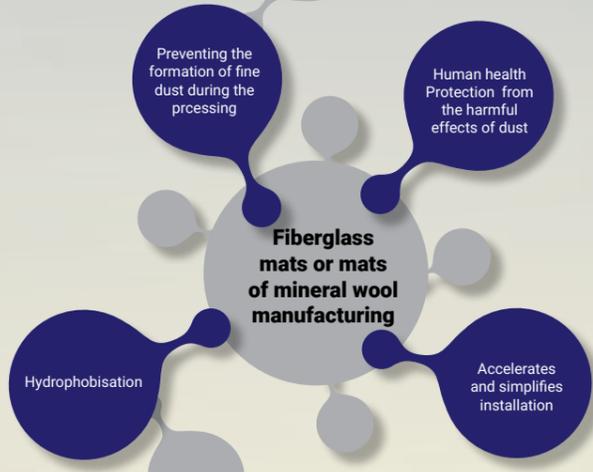


FEATURES

Emulsion SE-50/12 – water emulsion of oligodimethylhydroxide-siloxane, designed for water-repellency treatment of various materials, including fiberglass and mineral wool products treated with phenol-formaldehyde resin.

APPLICATIONS AND ADVANTAGES

To prevent the formation of fine dust in the production of fiberglass mats or mats of mineral wool, use the emulsion SE-50/12 in combination with ME-50/42. Mixing ratio is 1 part by weight of emulsion SE-50/12 for 3-5 parts by weight of emulsion ME-50/42. In this case, a mixture of emulsions also mixed with a solution of phenol aldehyde resin and other additives.



To make fiberglass mats or mats of mineral wool water resistant, mix the emulsion SE-50/12 with a solution of phenol aldehyde resin and other additives.

EMULSION GKE 50-94M

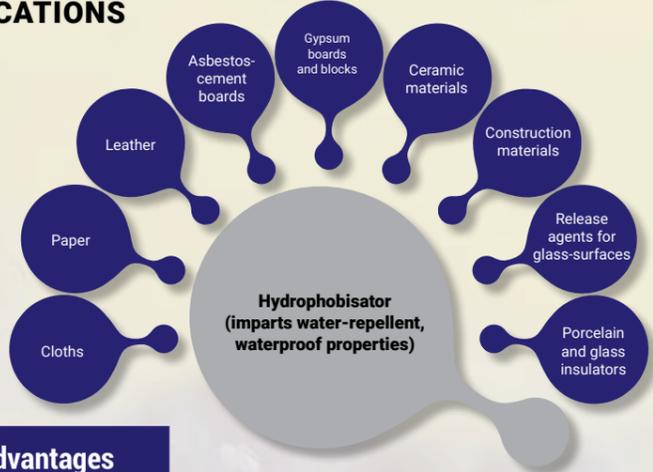
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FEATURES

Emulsion GKE 50-94M is water emulsion of oligomethylhydride-siloxane, represents 50% emulsion of the Liquid 136-157M. Emulsion GKE 50-94M is water-repellent for surface and volumetric treatment of the porous mineral bases.

APPLICATIONS

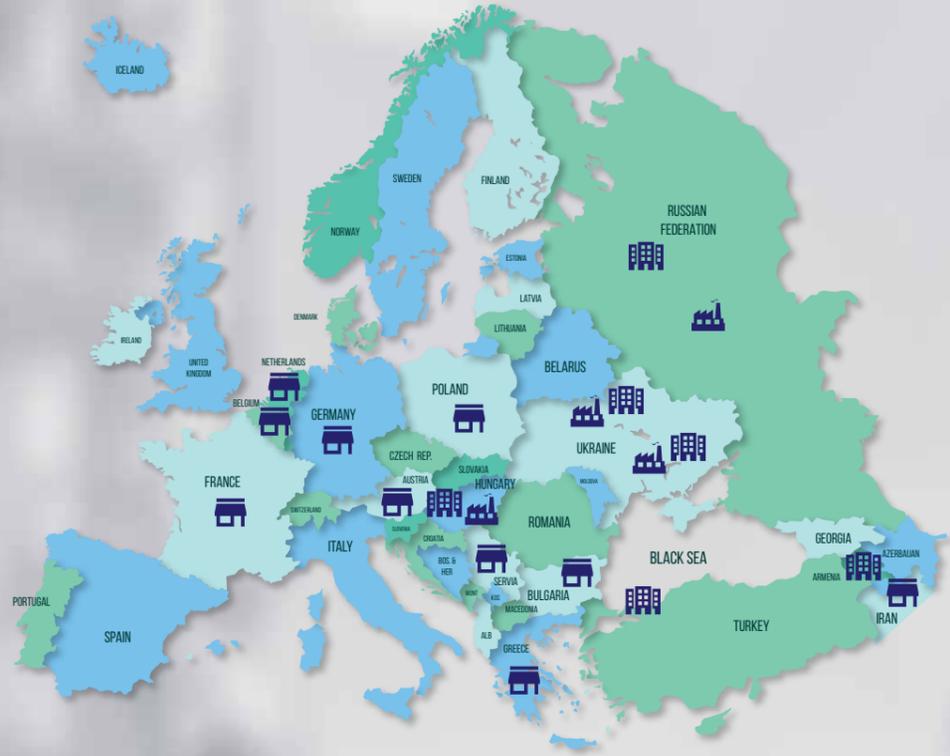


Advantages

- Provides natural ventilation of the buildings
- Preserves the appearance of the material
- Provides active protection against the weather influence (freezing and thawing, wetting and drying)
- Prevents the contamination of the textured layer
- Increases the coating life-time
- Prevents the decreasing of the heat-insulating properties of the material
- Ensures sustainability to UV rays and infrared
- Protects against the destructive action of mosses and lichens



- Production plants
- Trading companies
- Representatives



More details



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EMULSIONS

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EMULSION MSE-50/43

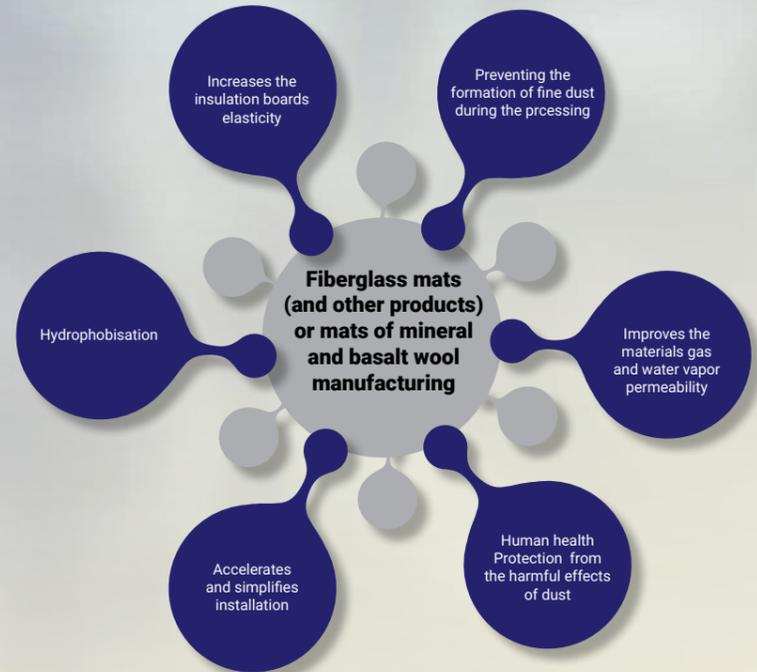
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FEATURES

Emulsion MSE-50/43 - water emulsion of oligo dimethyl hydroxysiloxane and mineral oil. For dust removal and additional water-repellent treatment of various materials, including fiberglass and mineral wool products, processed with phenol-formaldehyde resin.

APPLICATIONS AND ADVANTAGES



EMULSION ME-50/42

More details

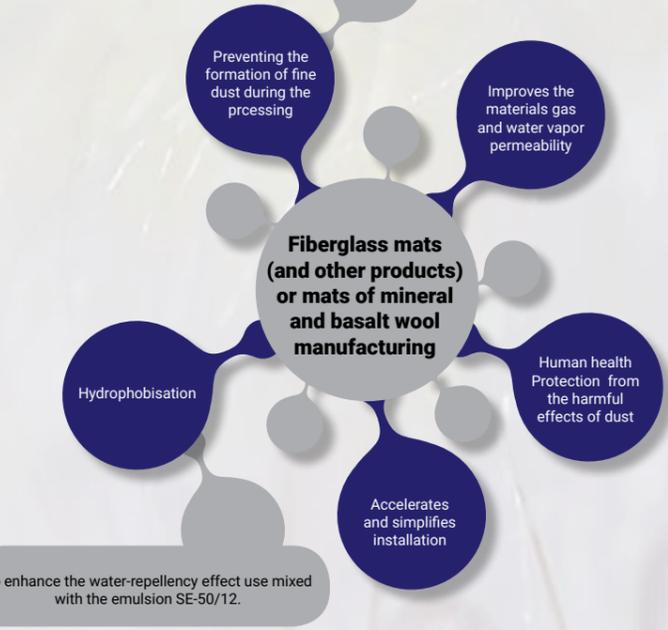


FEATURES

Emulsion ME-50/42 – water emulsion of mineral oil, intended for dust removal and optional water repellent treatment of various materials, including fiberglass and mineral wool products treated with phenol-formaldehyde resin.

APPLICATIONS AND ADVANTAGES

To prevent the formation of fine dust in the production of fiberglass mats or mats of mineral wool, use the emulsion SE-50/12 in combination with ME-50/42. Mixing ratio is 1 part by weight of emulsion SE-50/12 for 3-5 parts by weight of emulsion ME-50/42. In this case, a mixture of emulsions also mixed with a solution of phenol aldehyde resin and other additives.



To enhance the water-repellency effect use mixed with the emulsion SE-50/12.

WAX EMULSIONS PE-60/1; PE-50/1

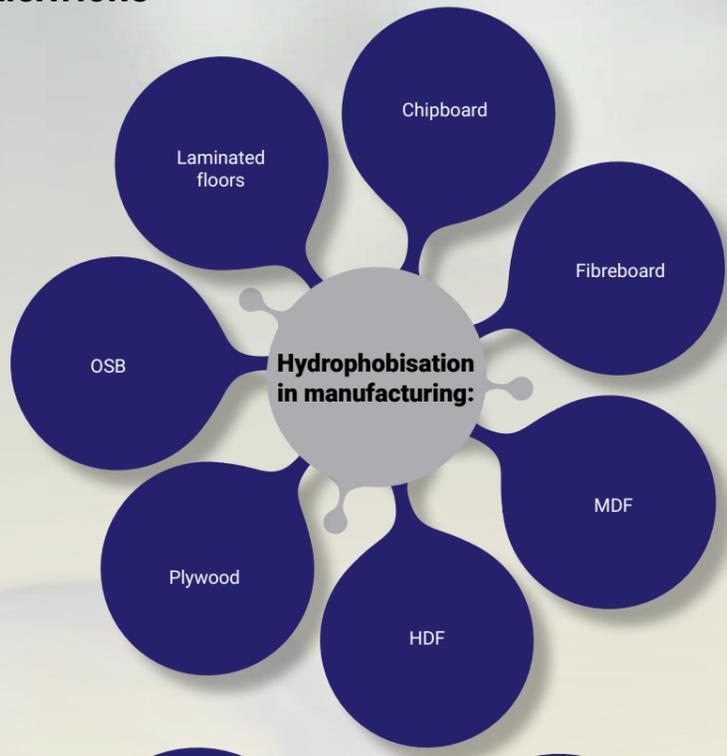
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FEATURES

PE-60/1 – anion wax-water emulsion. Wax content - 60±2%.
PE-50/1 – anion wax-water emulsion. Wax content - 50±2%.

APPLICATIONS



OPERATING PRINCIPLE

Hydrophobic effect occurs during the hot plates pressing. The emulsion decays and the molten wax settles making wood board layers water-repellent. As a result of application of the special emulsifier system, emulsion decays even before the binder hardens. This provides better protection against the water and moisture penetration. In many cases, it is sufficient to introduce 0,5-1,2% of wax emulsion by weight of dry material.

Advantages of emulsion insertion into wood-composite materials:

- Protects against moisture during short and long-term exposure
- Protects against swelling
- Increases the plates strength
- Increases the plates smoothness and flatness
- Reduces dusting when cutting and grinding plates
- Increases the sanding belts life in 2 times or more
- Improves the layers structure formation
- Reduces the consumption of binder by 10-20% without impairing the physical and mechanical properties of plates
- The emulsion mixes well with all types of adhesives and chemical additives used in the manufacturing and introduced simultaneously with them

Consistent high quality and efficiency of the wax emulsion is confirmed by the positive results of many laboratories, as well as manufacturers of chipboard and fiber boards, MDF and laminate flooring.

Advantages of wax emulsions over the other compositions:

- Easy way to use
- Good compatibility with urea and melamine based on resins
- Deeper penetration of small wax particles (about 1 micron) into the material and, consequently, more efficient hydrophobicity of wood fibers
- No influence on the adhesion strength between the plate and the coating
- Optimal storage temperature from + 5°C to + 40°C
- Emulsion is fireproof
- The emulsion is environmentally friendly

EMULSION KE 10-01

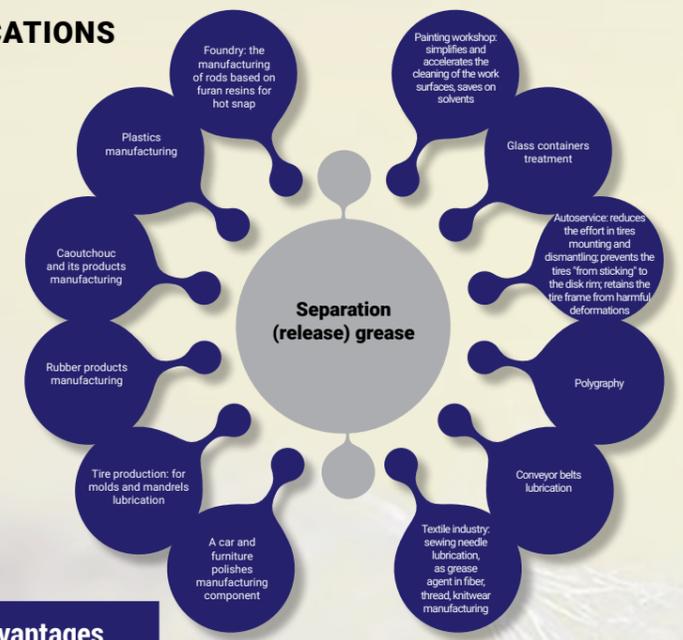
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FEATURES

Emulsion KE 10-01 - water emulsion of polydimethylsiloxane liquid of various concentrations. Product for protective and anti-adhesion treatment of metals, glass, rubber, plastic. Before use, blend with water 1:10.

APPLICATIONS



Advantages

- Emulsion KE 10-01 is non-toxic, not flammable. It does not cause adverse psychological reactions. Application of the emulsion does not require special safety measures.
- Emulsion KE 10-01 is heat-resistant, it is applicable to a temperature of +200°C.
- It has a low fluidity and chemical inertness to construction materials.
- Emulsion KE 10-01 is economical, convenient and safe to handle.