

NEVOSIL® IM 660

Water Repellent for Glasswool & Rockwool

Characteristics

Water based, OH functional polydimethylsiloxane emulsion.

Properties

- ✓ Imparts excellent water repellency
- ✓ Lowers water absorption of the surface
- ✓ Strengthens the product against exterior conditions and provides longer lifetime

Application

NEVOSIL® IM 660 is specifically used to impart water repellency to insulation materials made of glass wool or rock wool. Besides, it should be used to make low density, mineral based filling materials (e.g. perlite or vermiculite) water repellent.

Technical Data

Appearance	Milky white, liquid
Solid content (%)	62 (±1)
Emulsifier type	Non-ionic
pH	5,0-7,0

* These figures are only intended as a guide and should not be used in preparing specifications.

Processing

NEVOSIL® IM 660 can be applied with suitable spraying equipment either at the same time or shortly before application of the binder. It is not recommended to apply NEVOSIL® IM 660 onto the glass wool or rock wool surfaces after drying and hardening processes.

Generally, the use of 0,2-2% NEVOSIL® IM 660 over the weight of material is recommended. Depending on the desired water repellency effect, the certain application amounts should be obtained by making preliminary trials. Since the excess application amount of NEVOSIL® IM 660 will cause a decrease on the water repellency of materials to be treated, the use of exceeding amounts is not recommended.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants with the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials.

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NEVOSIL® IM 660 can be applied directly to the hot materials in order to eliminate additional drying times. However, long-term heating of the processed materials should be avoided.

NEVOSIL® IM 660 can be mixed with phenolic resin solutions or other additives. Since the type of additives used may change, compatibility tests should be carried out before the application.

Storage / Shelf Life

NEVOSIL® IM 660 has a shelf life up to 9 months if stored in tightly closed original containers between 5-35°C. If the material is kept beyond the shelf life recommended, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application. The containers must be protected against sunlight and frost.

Packaging

30, 60, 120 and 220 kgs plastic drums or 1,000 kgs IBC containers.

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