

NEVOSIL® R 630

Silicone Resin Emulsion

Characteristics

Solvent-free, water-dilutable silicone resin emulsion.

Properties

- ✓ Provides high permeability of water vapor and CO₂
- ✓ Lowers water absorption of the surface
- ✓ Provides a mineral like, eye capturing appearance
- ✓ Imparts oil and soil repellent properties to the applied surface
- ✓ Strengthens the paint product against exterior conditions and provides longer lifetime

Application

NEVOSIL® R 630 is employed as a main binder in silicone based masonry paints. If formulated properly, the products made with NEVOSIL® R 630 are characterized by superior qualities such as high permeability to water vapor and CO₂, low water absorption, low soiling tendency, a mineral like appearance and longer life.

Technical Data

Appearance	Milky white liquid
Solid content (%)	~ 53
Active content (%)	~ 50
Viscosity (23°C) (mPa.s)	1.500–2.500
pH	6,0-8,0

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

Processing

NEVOSIL® R 630 should be added to the paint product in ratios of 3-10% depending on the end use properties desired to be achieved in the final product. For excellent beading effects, NEVOSIL® SI 145 should be added to the formulation as well.

Facades must be primed before painting for optimal protection. We recommend NEVOSIL® SI 7105 (water based) or NEVOSIL® SI 7206 (solvent based) primers.

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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Storage / Shelf Life

NEVOSIL® R 630 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.

Technical
Data
Sheet

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