LANDU

Technical data sheet
TDS-NOVERA-7050-E-EN
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LANDUSIL NOVERA

7050-E

Multifunctional Hybrid Siloxane Emulsion

Multifunctional hybrid siloxane emulsion for waterborne coatings and mineral finishes

Chemical identity

Chemical name
Hybrid siloxane emulsion

CAS number
Mixture – see SDS

Solids content
approx. 50 %

Physical form
Aqueous emulsion

Product description

LANDUSIL NOVERA 7050-E is an aqueous emulsion of a multifunctional hybrid siloxane, supplied as a milky-white liquid with about 50 % solids.

It is used in waterborne industrial binder systems, architectural mineral finishes, waterborne metal coatings, cured mineral board surfaces and aqueous adhesives.

Features and benefits

- Waterborne hybrid siloxane
- Multifunctional reactive groups
- Low solvent content
- Mixes into aqueous binders
- For mineral and metal surfaces

Specification

Property	Unit	Value	Test method
Appearance		**Milky-white liquid**	Visual
Solids content	%	**48 – 52**	Gravimetric, 1 h / 200 °C

Tested on every batch and reported on the Certificate of Analysis.

Typical properties

Emulsifier	Nonionic
Viscosity, 25 °C	approx. 100 – 200 mPa.s

For guidance only; not part of the specification.

Applications

Waterborne industrial binder systems
Hybrid component in binders.

Waterborne industrial metal coatings
Binder component.

Aqueous adhesive formulations
Adhesive component.

Architectural mineral finishes
Hydrophobic finish component.

Cured mineral board surfaces
Surface finish.

Guidelines for use

Mixing	Match the dispersed phase and receiving binder; add under stirring.
Evaluation	Assess stability, film formation and the finished surface.

These levels are starting points. Determine the optimum level and method in trials under your own conditions.

Handling and safety

- Wear gloves and eye protection; avoid skin and eye contact.
- Do not allow the emulsion to freeze or dry on equipment.
- Read the Safety Data Sheet before use.

Storage and shelf life

Store at 5 – 35 °C, protected from frost and direct sunlight, in tightly closed original containers. Shelf life is 6 months from the date of manufacture in unopened containers.

Packaging

25 kg plastic drum, 200 kg steel drum, 1,000 kg IBC. Other pack sizes on request.

The information in this data sheet reflects our current knowledge and is given in good faith. It is not a guarantee of properties or of suitability for a particular use, and it does not release users from testing the product for their own application and process. Users are responsible for complying with applicable laws, regulations and third-party rights. Only the values under Specification are binding, as confirmed on the Certificate of Analysis. This edition supersedes all previous editions. For safety information, see the current Safety Data Sheet. © 2026 LANDUSIL. All rights reserved. LANDUSIL and its product series names are trademarks of LANDUSIL. No part of this document may be reproduced, modified or redistributed without prior written permission.