

Alsilite Nova T

Nanohybrid lightweight render with scraped structure



AREAS OF APPLICATION

Pasty finishing coat according to DIN EN 15824 for mineral and organic render systems on exterior walls and ceilings. Can be used within the alsecco facade systems, especially in the non-combustible Alprotect Nova system.

PRODUCT PROPERTIES

- Very low soiling tendency due to Nanohybrid technology
- Low material consumption
- Very smooth processing
- High mechanical load capacity
- High colour stability
- High level of protection against microbial infestation
- With encapsulated film protection
- Highly water-repellent
- Highly water-vapour permeable
- Also possible without additional coating for light reflectance value ≥ 20
- A2-s1, d0 (non-combustible) according to DIN EN 13501

TECHNICAL DATA

Indicated fixed values represent average values, which can slightly vary from delivery to delivery due to the application of natural raw materials.

Binder base	Silicate-organo hybrid dispersion
Specific density	approx. 1,3 g/cm ³
Diffusion-equivalent air-layer thickness	s _d : approx. 0,07 m according to DIN EN ISO 7783 Class V ₁ (high) according to DIN EN 1062
Water permeability	w: approx. 0,07 kg/(m ² h ^{1/2}) according to DIN EN 1062 Class W ₃ (low) according to DIN EN 1062
Fire behavior	A2-s1, d0 according to DIN EN 13501

APPLICATION INSTRUCTIONS

Preparation	Mask window sills and connecting parts. Reveals to be rendered first.
Substrate pre-treatment	All substrates must be stable, level, clean, dry and free of any residue, which can reduce adhesiveness.
Mixing	Ready to use. Can be adjusted to a workable consistency with a max. of 2 % water. Stir the contents of the container thoroughly with a slow-speed stirrer. Do not use aluminium paddles, as these could lead to discoloration.
Application	Apply in grain size with a rustproof steel trowel and after a brief period, spread with a plastic trowel using circular motions. Complete contiguous surfaces without any stopping (to avoid seams in the textured coating). Divide large facades into sections, apply continuously wet-on-wet and texture. Alsilite Nova must be coated with at least two coats Alsicolor Carbon facade paint after drying, for light reflectance values below 20.
Consumption	Grain size 1,5 mm approx. 1,6 kg/m ² Grain size 2,0 mm approx. 2,4 kg/m ² Grain size 3,0 mm approx. 2,9 kg/m ² Grain size 4,0 mm approx. 3,2 kg/m ² Determine the precise material requirements by means of a trial coating on the object.
Weather conditions	Temperatures below 5 °C may not arise during application and drying. Do not apply in direct sunlight. In the case of wind, please observe shorter setting times.
Drying time	approx. 1 - 2 days Dependent on temperature, layer thickness and relative humidity.
Cleaning of tools	In a fresh state with water.
Application by machine	Please request special information regarding machine processing.

STORAGE

Shelf life in original sealed packaging of at least 1 year when kept cool and protected against frost.

PACKAGING INFORMATION

Colour	White and pigmented. Use material from one batch number for pigmented materials or contiguous surfaces.
Packaging unit	PP bucket approx. 18 kg net

OTHER INFORMATION

This products provides a high level of protection against microbial infestation, a permanent exclusion of infestation cannot be guaranteed.

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Plaster code	M-DF02F dispersion paints, active substances

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

