

Alsilite Nova F

Nanohybrid lightweight render with fine 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

- Fine surface structure
- Feltable
- Very low soiling tendency due to Nanohybrid technology
- Very smooth processing
- High colour stability
- High level of protection against microbial infestation
- With encapsulated film protection
- Highly water-repellent
- Highly water-vapour permeable
- A2-s1, d0 (non-combustible) according to DIN EN 13501-1

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	Polymer dispersion
Density	approx. 1,7 g/cm ³ to DIN ISO 2811
Adhesive pull strength	≥ 0,08 N/mm ² according to DIN EN 1542
Water permeability	w: ≤ 0,1 kg/(m ² h ^{1/2}) according to DIN EN 1062-3 Class W ₃ (low) according to DIN EN 15824
Fire behavior	A2-s1, d0 according to DIN EN 13501-1
Water vapour permeability	s _d < 0,14 m according to DIN EN ISO 7783-2 Class V ₁ (high) according to DIN EN 15824

APPLICATION INSTRUCTIONS

Preparation	<p>Mask window sills and connecting parts.</p> <p>Reveals to be rendered first.</p>
Substrate pre-treatment	<p>All substrates must be stable, level and free of any residue, which can reduce adhesiveness.</p> <p>If applicable, the stability of substrates can be ensured by applying suitable primers.</p> <p>Do not use on moist substrates.</p>
Mixing	<p>Ready to use.</p> <p>Can be adjusted to a workable consistency with a max. of 1 % water.</p> <p>Stir the contents of the container thoroughly with a slow-speed stirrer. Do not use aluminium paddles, as these could lead to discoloration.</p>
Application	<p>1.) Fine filling, to create a level substrate:</p> <p>Levelling of the substrate with Alsilite Nova F. Avoid or smooth filler seams. The substrate must be absolutely level after filling; layer thicknesses must be between 1 mm and 2 mm.</p> <p>2.) Apply a layer of felt:</p> <p>After the fine filling has sufficiently cured, apply Alsilite Nova F with a rustproof steel trowel with a suitable layer thickness for felting (approx. 1 mm). Then, felt with a fine sponge float after setting.</p> <p>3.) Paint the felted surface:</p> <p>Alsilite Nova F must then be coated twice with Alsicolor Carbon or Alsicolor SC facade paint - after thorough drying.</p> <p>Alternatively, in cases in which fine filling to even out the substrate is not required, one coat also suffices. At the same time, a minimum coat thickness of approx. 2 mm must be ensured.</p> <p>The transition from areas with ground contact to the base or areas, which are similarly exposed to splash water, must have a suitable moisture protection (e.g. Waterflex or Waterflex Carbon) applied to the felted layer at least 5 cm above ground level.</p>
Consumption	<p>approx. 1,5 - 1,7 kg/m² per mm layer thickness</p> <p>Determine the precise material requirements by means of a trial coating on the object.</p>
Weather conditions	<p>Temperatures below 5 °C may not arise during application and drying.</p> <p>Do not apply in direct sunlight.</p> <p>In the case of wind, please observe shorter setting times.</p>
Drying time	<p>approx. 24 - 48 hours</p> <p>Dependent on temperature and relative humidity</p> <p>Even longer with high relative humidity and low temperature</p>
Cleaning of tools	<p>In a fresh state with water.</p>
Application by machine	<p>Please request special information regarding machine processing.</p>

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
Packaging unit	PP bucket approx. 25 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-DF02 dispersion paints