

Properties

ERSTOALGAE functional surface coating effectively and sustainably prevents algae and fungal infestation on facades. It is a styrene-acrylate-based functional coating with carbonation-inhibiting effect, high water repellency and good water vapour diffusibility.

Due to its thixotropic viscosity **ERSTOALGAE** can be applied like a wall paint. The primer coat 1 is applied to the exterior of the pre-cleaned facade and after the drying time it is coated with the main coat 2 so that its effect can unfold optimally.

- › Permanently resistant against algae infestation
- › High moisture absorption & release properties
- › In-depth effect
- › Breathable - Vapour permeable
- › Dirt repellent
- › Carbonation inhibiting
- › UV- & weather resistant
- › Resistant to aggressive atmospheres (acid rain)
- › Firedamp resistant
- › Resistant to cleaning and abrasion
- › Solvent-free
- › Silver ion free
- › Nanoparticle-free
- › Highest opacity class
- › Highest wet abrasion class
- › Tinting up to 5% possible with a Mixol toner

Surface preparation

External facades such as concrete or plaster and wall surfaces must be mechanically cleaned of algae, fungi and other dirt before application, e. g. by sandblasting, granulate blasting, high-pressure water jet, etc.

Processing

The application is carried out by rolling, painting or airless spraying in two separate work steps.

1

PRECOATING

According to the manufacturer's instructions, add the specified amount of water, stir well for approx. 2 minutes, apply directly and generously to the pre-cleaned facades. Always treat surfaces completely. Allow to dry for 1-2 hours.

2

MAIN COATING

Mix well for 2 minutes and apply directly to the precoat. Allow to dry for 1-2 hours. Finished!













Surface should not be frozen. The temperature of the respective substrate must be at least 5° C above the freezing point! Mixing with other paint products or adding water, deviating from the manufacturer's instructions, can influence the guaranteed properties and are therefore not recommended.

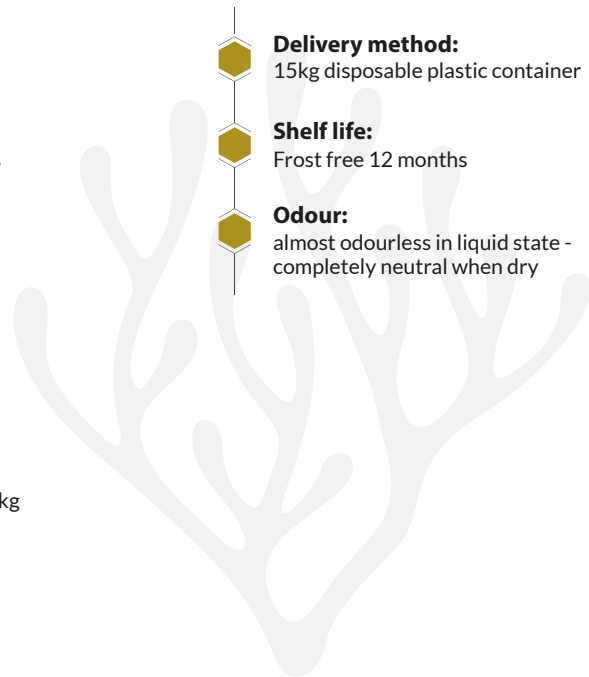
Equipment cleaning

Clean equipment after use with cold water.

Technical Data



 Colour: white	 Grip-dry: after 90 min.
 Density at 20° C: approx. 1,36g/cm ³	 Overcoatable: after approx. 2 hours
 Solid State: approx. 54%	 Cured/ Hardened: after 24 hours
 Viscosity: thixotropic	 Wet Abrasion: Class 1
 Processing temperature: min. 5° C - 30° C	 Opacity: Class 1
 Gloss: semi-gloss	 Consumption: between 4,8 - 5,2m ² /kg



Protection & Safety

ERSTOALGAE anti algae wall coating is solvent-free. ERSTOALGAE is strictly to be used in its original form and according to instructions. It must not be mixed with other liquids or colours, enriched or diluted! Permitted exception: Tinting concentrate from Mixol in the pastel area, maximum 5% by volume. After the drying process, the space can be used again without restrictions. Ventilate rooms well!

Remaining material should be sealed air tight in the original container and used within 3 months. After the remaining material has dried out, the container can be disposed of with household waste. Keep material away from children! ERSTOALGAE is safe for use in inhabited areas.

You are strictly advised to read and comply with the Technical and Safety Data Sheet.

ERSTOALGAE is free of nanoparticles and silver ions (nanoparticles and silver ions are highly absorbable and toxic for human skin)

This information reflects the current state of development.

Since application and processing is carried out externally and beyond our control, no liabilities can be derived from the application.

Always read labelling and product information before use.

Use biocidal products safely!

Area of application:

ERSTOALGAE long-term facade protection has proven to be excellent for preventing algae and fungi on various exterior surfaces such as facades.

ERSTOALGAE is excellently suited as a coating for exterior facades of new and old buildings, historical buildings, buildings that are built close to green areas and many other exterior facades that suffer from algae infestation or are endangered by infestation.

ERSTOALGAE is suitable for heavily weathered facades and concrete surfaces, especially when exposed to heavy driving rain and for protection against aggressive atmospheres such as carbon dioxide and sulphur dioxide.

In addition, it is also suitable as a permanent coating for other mineral substrates. The overpaintability of old coatings must be checked in each individual case. We generally recommend that test surfaces be applied to all surfaces in advance.

Contact

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