# Alsilite F - Aero

Silica based mineral lightweight render with skim finish



PD 0392/0819/001

# **AREAS OF APPLICATION**

Lightweight silicate-based mineral render according to DIN EN 998-1 for surface structures in alsecco facade systems. Do not use on mechanically heavily stressed surfaces.

## **PRODUCT PROPERTIES**

- Extremely reliable and easy application due to lightweight aggregates
- Free of fungicides and algaecides
- Economical because of low material consumption and quick application
- Excellent adhesion to all mineral substrates
- Highly water-vapour permeable
- High crack resistance

#### **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 Mineral binding agent according to DIN EN 197-1 and DIN EN 459-1 with silicate

additives

Apparent density of set mortar γ: approx. 0,8 g/cm<sup>3</sup>

Diffusion-equivalent air-layer s<sub>d</sub> < 0,1 m according to DIN EN ISO 7783

thickness class V<sub>1</sub> (high) according to DIN EN 1062

≤ 20 according to DIN EN 998-1 Water vapour permeability  $\mu$ 

w: approx. 0,8 kg/(m<sup>2</sup>h<sup>1/2</sup>) according to DIN EN 1062 Water permeability

Class W<sub>1</sub> according to DIN EN 1062

Water absorption Class W<sub>1</sub> according to DIN EN 998-1 Class CS II according to DIN EN 998-1 Compressive strength



## **APPLICATION INSTRUCTIONS**

Preparation Mask window sills and attachment parts.

Diligently cover glass, ceramic, brick, natural stone, varnished, glazed and

anodised surfaces.

Substrate pre-treatment All substrates must be stable, level, clean, dry and free of any residue, which can

reduce adhesiveness.

All substrates, in particular undercoat renders, must have dried evenly, to avoid

causing colour variations in the finishing coat.

We recommend a priming coat with Primer P, to improve workability before

applying the decorative render.

Mixing 25 kg of material (one sack) in approx. 10 l of water.

Mix with electric mixer or compulsory mixer.

Application Wipe down using a sponge float or create different trowel marked textures.

Applying Alsicolor Carbon significantly reduces the risk of microbial infestation. By felting Alsilite F - Aero using a sponge float, binding agents and/or fine particles from the render matrix can accumulate irregularly on the render surface, which can reduce adhesiveness on the subsequent coatings. To ensure sufficient adhesion, a primer corresponding to the planned coating system is recommended

prior to applying the subsequent coatings.

Consumption 3.0 mm approx. 2.4 kg/m<sup>2</sup>

Layer thickness 3 - 5 mm

Information about the weather There cannot be temperatures below + 3 °C during application and drying.

Do not apply in direct sunlight.

In the case of wind, please observe the shorter setting time. Protect fresh render against rain and premature drying.

approx. 2 - 5 days

Depending on temperature, relative humidity and quantity applied.

Cleaning of tools In a fresh state with water.

Application by machine Please request special information regarding machine processing.

#### **STORAGE**

Drying time

Dry, protected against moisture, cool, shelf life in original sealed packaging of at least 1 year.

# **PACKAGING INFORMATION**

Colour White and pigmented.

Due to their special properties, variations in colour or staining cannot always be

avoided when using pigmented and mineral renders.

To ensure an even and planned colouring, a coating, preferably with Alsicolor

Carbon or Alsicolor Finish is required.



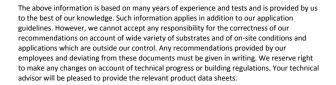
Packaging unit Paper sack approx. 25 kg net

# OTHER INFORMATION

Information on safety The information provided in the current safety data sheet applies.

Transportation Not a hazardous material

Giscode ZP1 cement-based products, low in chromate





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