

# SOLAMENT PROTECT

FACADE IMPREGNATION

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## TECHNICAL DATA SHEET

As of: 2 May 2024  
Page 1/3



**aerodurit<sup>®</sup> SPECIALISED**

## SOLAMENT PROTECT

### Advantages

Highly water-repellent	✓
Solvent-free	✓
High diffusivity	✓
High penetration capability	✓
Weatherproof	✓
Quick-drying	✓

### Special Applications

Exposed limestone masonry	✓
Mineral plaster surfaces	✓
Bricks, clinker, concrete, gas concrete	✓
Natural stone, e.g. sandstone	✓
External use	✓

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Page 2/3

Solvent-free, water-based special facade impregnation based on specific silanes and siloxanes for protection against moisture and water damage. Reacts within the building material with humidity and forms a water-repellent, weatherproof active agent.

### COMPOSITION

Water-based, solvent-free emulsion comprising special silanes and siloxanes.

### APPLICATION

Developed for the protection of masonry from high moisture and saline loads. Internal and external use. Suitable for mineral plaster surfaces, exposed limestone masonry, brick, clinker, concrete, gas concrete, natural stone (e.g. sandstone). Perfect for coastal regions.

### PROPERTIES

Highly water-repellent, high penetration ability, rapid formation of water repellency, manual and machine processing, solvent-free, low-odour, highly permeable, quick-drying, reacts chemically within the building material to the presence of air humidity and forms a water-repellent, weatherproof active agent.

### PRODUCT YIELD

Depending on the surface (structure and absorbency) ca. 150 to 200 ml/m<sup>2</sup>. The actual consumption can be determined by means of a sample area.

### TECHNICAL DATA

Processing temperature (ambient air, object and material)	+ 5 °C to + 25 °C
PH value	ca. 8
Density	0,95 g/cm <sup>3</sup>

### SUPPLY FORM

Trading unit	Delivery unit
10 L canister	40 pcs./euro pallet



### PREPARATION

aerodurit® SOLAMENT PROTECT facade impregnation can be applied directly after being **briefly stirred or shaken**. During application, stir repeatedly if necessary. Apply the product **undiluted**.



### NOTES AND PRECAUTIONS

Carefully cover the area around the surface to be coated. Wear gloves and safety goggles (not glasses). Avoid skin and eye contact. In case of aerosol formation, special protective measures (extraction, respiratory protection) are necessary. Ensure good room and workplace ventilation. Remove splashes immediately with plenty of water. Clean tools thoroughly with water immediately after use. Do not use in direct sunlight, rain, strong wind or when there is a risk of frost. Protect freshly treated surfaces from rain.



### PLEASE NOTE

Compatibility with subsequent coatings has to be tested in advance by means of a sample area. Not suitable for poorly absorbent, dense natural stones such as marble or gypsum. In case of new, yet untested undergrounds, verify by means of sample areas. The effectiveness of the impregnation can be checked e.g. by using Karsten tube penetration tests. At temperatures below + 10 °C, the formation of the water-repellent layer can be greatly delayed.



### SURFACE PRETREATMENT

All substrates must be stable, free of dust, blooming, separating agents (e.g. mould wax residues) and absorbent. On non-absorbent substrates, undesirable gloss formation may occur (test on a sample area).



### PROCESSING

Apply aerodurit® SOLAMENT PROTECT undiluted with brush or roller (saturation). Repeat the process in two or more steps (wet in wet) until the substrate is completely saturated. Repeated application is recommended to avoid imperfections. Protect freshly treated surfaces from adverse conditions like driving rain, frost etc.

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As of: 2 May 2024  
Page 3/3

### STORAGE

Store weatherproof and frost-free on wooden pallets in a cool, dry room. Reseal opened packaging immediately. Closed packaging has a shelf life of 6 months from the production date under proper storage conditions. Keep out of the reach of children.

### DISPOSAL

Proper disposal in a hazardous waste incineration plant. The local regulations are to be observed and complied with.

For further details please refer to the safety data sheet.

The specifications contained in this technical data sheet are based on years of proven experience by the company aerodurit®. A liability for the general validity of the individual data and recommendations, must, however be ruled out due to the varying processing conditions, as the application and processing methods are beyond our control.

The general rules of construction engineering must be adhered to. The data of internal or third-party monitoring may vary on the construction site due to processing methods, intensity of the mixing, technical specifications of the machines, adhesion of the substrate, application thickness, environmental influences, and the age of the material (refer to »Forschungsgemeinschaft Kalk und Mörtel e.V.« (research community lime and mortar), Report on norms, practical experience and theory, »26th Aachener Baustofftag«).

Previous data sheets become void through the publication of this data sheet. Stay up-to-date! Refer to [www.aerodurit.com](http://www.aerodurit.com) for the most current version of our data sheets.