



Technical Information

ALGT 627-10

Mass-hydrophobic agent with non-stick properties for wet-concrete

1. Product description

- Mass-hydrophobic agent for wet-concrete
- Capillary regulating characteristic
- Protection against lime efflorescence
- Prevents concrete-sticking of press-plunger and concrete mixer (non-stick properties)
- Vapour diffusive
- Plasticising properties (reduces brittleness, less cracking)
- Highly stressable stabilization
- Extremely weather-resistant
- Frost and de-icer resistant

2. Functionality

ALGT 627-10 is extremely well suited as hydrophobic concrete-additive for the manufacturing of paving stones, concrete slabs and prefabricated concrete elements. **ALGT 627-10** improves concretes compaction, regulates the capillary properties of the concrete and reaches a durable reduction of water absorption. The final product is protected against rising moisture.

ALGT 627-10 protects the concrete against lime-efflorescences and against the growth of micro-organisms in the product (moss, algae, fungus) The final concrete-product remains vapour-diffusive.

ALGT 627-10 minimises sticking to the stamp and sticking to the concrete-mixer by using a highly-effective non-stick additive.

3. Application

Stir the **ALGT 627-10** concrete additive thoroughly before use.

Dosing the product to the already finished concrete mixture or to the mixing water.

The mixing time should at least be 30 sec - 1 min.

Do not add **ALGT 627-10** to the dry concrete-mix.

4. Dosage

The recommended dosage of **ALGT 627-10** is between 1% - 2% of the binder content (cement)

Please use different doses for two-layer concrete (core-layer and face-layer):

Example:

- core-concrete: approx. 1%
- face-concrete: approx. 2%

The thin face-layer (approx. 1 cm) isn't significant affecting the additive costs per square meter.



5. Technical data

Form: liquid
Colour: slightly yellow
Density: approx. 1.00 kg/m³

6. Storage

ALGT 627-10 should be stored in a dry and cool (max. 35°C), well ventilated place. It can be kept for at least 12 months from the date of manufacture if stored appropriately.

7. Instructions for product suitability

Please check the product suitability under production conditions, in advance of an industrial application and adjust the optimal dosing quantity during a suitability test.

8. Technical instructions

Our Application Department is available to answer technical questions on performance, use and chemical specifications.

This technical information does not replace the accompanying Safety Data Sheet. All technical information is based on practical experience. It is not generally obligatory as the practical conditions vary. Users should carry out their own tests. As the use of this product is beyond our control, we only accept liability for its consistent quality.

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