

PAGEL®-EVAPORATION PROTECTION

PROPERTIES

- **Protects surfaces** from premature moisture evaporation
- Ensures that cement, screeds and mortars dry out **evenly and gradually** over a period of 3-4 weeks
- Complies with the **technical specifications** for liquid concrete finishing systems for use in road construction (TL-NBM-StB96). (Additional measures for protecting concrete are only necessary if exposed to extreme temperatures) Complies with ASTM C-309.
- Forms a highly **water vapour-proof membrane**
- **Increases surfaces' strength** and significantly improves durability
- **Reduces the risk of shrinkage cracking**, flaking and crumbling, which generally results in premature drying; weathers very slowly
- Does not require any subsequent treatment or monitoring under normal climatic conditions
- Produced subject to strict quality control measures
- Produced in compliance with all applicable standards and directives, and certified to **ISO 9001**

FIELDS OF APPLICATION

- Concrete road surfaces
- Mortar surfaces
- Cement screeds
- Concrete bricks and precasts

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TECHNICAL DATA

TYPE		○1
Consumption	g/m ²	100-150
Barrier coefficient	%	85
Density	g/cm ³	0.99
Colour		White
Application temperature	°C	+5 – +30

All test data are guide values, proofed in our German manufacturing plants, - values from other manufacturing plants may vary.

- Packaging:** 30-kg canister
Storage: Store in a dry place and protect from frost
Storage life: Can be stored for up to 12 months in its sealed, original packaging
Hazard class: Non-hazardous material, please see safety data sheet

PROCESSING

○1 PAGEL-EVAPORATION PROTECTION can be applied by brush or sprayed on.

Hold spray nozzle approx. 1 m from the surface, using a minimum pressure of at least 1 bar. Lime and pesticide sprayers with a 2 mm nozzle are particularly suited for applying evaporation protection. Always clean the device after use.

Only apply ○1 when the surface to be treated is not covered with a film of water. For best effect, surfaces should ideally be treated when slightly damp.

○1 PAGEL-EVAPORATION PROTECTION apply immediately once mortar surfaces have set or when the final top coat has been applied.

○1 PAGEL-EVAPORATION PROTECTION will be white immediately after application and turn transparent once dry.

○1 PAGEL-EVAPORATION PROTECTION should preferably be applied using spraying devices with very fine nozzles that create an even finish.

When treating vertical surfaces, ○1 PAGEL-EVAPORATION PROTECTION should preferably be applied at a uniform pressure, using spraying devices with very fine nozzles, in order to avoid uneven application and prevent the coating from running off.

Material consumption will increase correspondingly when applying ○1 PAGEL-EVAPORATION PROTECTION by roller or brush.

Surfaces subject to exposure to direct sun light and/or wind must be protected using additional measures, such as, e.g. covering them with a foil.

The ○1 membrane generally wears away as a result of weathering over a period of several weeks. All old ○1 membranes must be removed before reapplying or re-coating a surface with ○1.

○1 is not flammable. Store out of sunlight and protect from frost.

The information provided in this leaflet, is supplied by our consulting service and is the end result of exhaustive research work and extensive experience. They are, however, without liability on our part, in particular with regard to third parties proprietary rights, and do not relieve the user of the responsibility for verifying that the products and processes are suitable for the intended application. The data presented was derived from tests under normal climate conditions according to DIN 50014 and mean average values and analysis. Deviations are possible when delivery takes place. Given that recommendations may differ from those shown in this leaflet written confirmation should be sought. It is the responsibility of the purchaser to ensure they have the latest leaflet issue and that its contents are current. Our customer service staff will be glad to provide assistance at any time. We appreciate the interest you have shown in our products. This technical data sheet supercedes previously issued information. Please find the latest leaflet issues at www.pagel.com.



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