



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.

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