

EVAPORATION PROTECTION

O1 EVAPORATION PROTECTION

TEST CERTIFICATES AND SUPPORTING DOCUMENTS

- > Product meets the technical delivery specifications "flüssige Betonnachbehandlungsmittel für den Straßenbau" (liquid concrete finishing systems for use in road construction) TL-NBM-StB 09
- > Product acc. to ASTM C-309 "Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete"
- > Company certification acc. to DIN EN ISO 9001:2015

PROPERTIES

- > Protects surfaces from premature water evaporation
- > Ensures that concrete, screeds and mortars dry out evenly and gradually over a period of 3-4 weeks.
- > Forms a largely water vapour-proof protective film, weathers very slowly
- > Improves the strength in the area close to the surface and increases the durability substantially
- > Hampers early drying shrinkage and a dehydration too early; thus minimising 'sanding' on the surface
- > In normal climatic conditions, no further follow-up treatment or control of the concrete is required.

AREAS OF APPLICATION

- Concrete road surfaces
- Mortar surfaces
- > Cement screeds
- > Concrete bricks and prefabricated parts



TECHNICAL DATA

ТҮРЕ		01
Consumption approx.	g/m²	100-150
Barrier coefficient	%	85
Density	g/cm ³	0.99
Colour		white

Storage:	12 months. Cool, dry, free from frost.
	Unopened in its original container.
Delivery form:	20-kg-canister
Hazard class:	Non-hazardous material, observe
	information on packaging.
GISCODE:	ZP1

PROCESSING

O1 Evaporation protection can be applied by brush or sprayed on.

Should preferably be applied using spraying devices with ultra-small nozzles that create an even film. When applying **O1** Evaporation protection on vertical surfaces, preferably, sprayers with ultra-small nozzles should be used at a constant spraying pressure to prevent staining due to uneven application quantities or run-off. Hold spraying nozzle approx. 1 m from the surface. A minimum pressure of at least 1.0 bar is required. Lime and pesticide sprayers with a 2 mm nozzle have proven to be particularly suited. The device has to be cleaned after use.

O1 should only be applied, when no more water film is visible on the surface. A matt-moist surface guarantees an optimal effect.

If **O1** is applied with a roller or a brush, higher consumption quantities have to be taken into consideration.

After the application, **O1** initially appears to be white on the surface. After drying, the follow-up treatment film becomes transparent.

At high or low temperatures, direct exposure to sunlight and/or wind, additional protective measures are compulsory, e.g. additional covering with foil.

After some weeks, the film formed from O1 usually wears away as a result of weathering. O1 must be removed from the substrate for subsequent painting or coating.

O1 is not flammable, store protected from frost and strong sunlight.

Temperature range: +1 °C to +35 °C

The information provided in this leaflet, application instructions and other recommendations are based on extensive research and experience. They are, however, not binding, in particular with regard to third party proprietary rights, and do not relieve the customer of his responsibility to verify that the products and processes are suitable for the intended application. The indicated test data are mean values and average analyses. Deviations are possible when delivery takes place. Recommendations that differ from those provided in this leaflet equire written confirmation. Planners and operators are reponsible when this leaflet is the latest edition and for obtaining information on the latest technological developments. Our customer service staff will be happy to answer your questions at any time. Many times for your interest in our products. This technical data sheet supersedes all previously issued product info@pagel.com info@pagel.com