

## DATASHEET

### Okapox SPG

#### Moisture barrier primer

- solvent- and water-free
- especially for critical substrates
- moisture brake on cementary surfaces
- binders for the production of epoxy resin mortars



## PRODUCT DESCRIPTION

Solvent- and water-free, low-viscosity epoxy primer consisting of two components for pre-treatment of absorbent and non-absorbent substrates before trowelling and installation work. **Okapox SPG** can be used as a moisture barrier for blocking residual moisture from cementitious substrates (prior to the laying of elastic / textile coverings and parquet) and as a binder for the production of epoxy resin mortars.

## SUBSTRATE PREPARATION

The substrate must be tested and laid in accordance with VOB Part C, DIN 18 352, DIN 18 356 and DIN 18 365 as well as the state of the art. Undertake pre-treatment according to the latest leaflet BEB "Assessment and preparation of substrates" or leaflet TKB-8.

## PROCESSING

Completely allow the hardener liquid component B from the plastic canister to flow into component A located in the laminate. Mix the two components intensively with an electric mixer until the mixture is free of streaks, repot and stir again.

### As a primer:

**Apply Okapox SPG with the lambskin roller evenly on the substrate. Subsequently, spread with fire-dried quartz sand (grain size 0.6-1.2 mm) within the wet phase or immediately after curing (within 48 hours), apply Okatmos® EG 20 / Okatmos® UG 30 as an adhesion promoter.**

### As a moisture brake:

**Okapox SPG is used as a dampening brake for blocking residual moisture up to max. 7.0% by weight for concrete substrates and 5.0% CM for cement screeds. 1. Apply Okapox SPG uniformly with the lampholder roll. After curing of the primer (approx. 12 hours), the second application in the cloister is also done with Okapox SPG. Afterwards, spread the surplus surface with quartz sand of the grain size 0.6-1.2 mm (quartz sand consumption approx. 2.5 kg / m<sup>2</sup>) or immediately after curing (within 48 hours) Okatmos® EG 20 / Okatmos® UG 30 as adhesion promoter Pur.**

**When using as an epoxy resin mortar mix Okpox SPG homogeneously and add up to 6 kg of quartz sand (grain size 0.6-1.2 mm) per kg of Okapox SPG.**

### As a primer for the protection of moisture-sensitive substrates:

Apply an application from Okapox SPG for calcium sulfate screeds and apply Okatmos® EG 20 / Okatmos® UG 30 as an adhesion promoter after curing (within 48 hours)

## SPECIFICATIONS

Color	yellowish, transparent
Application	interior and exterior
Density	1,20 g/cm <sup>3</sup>
Application temperature	+ 10 °C to + 25 °C (underground)
Temperature tolerance	- 20 °C to + 60 °C
Mixing ratio	9.0 kg of component A / 3.5 kg of component B
Consumption of quartz sand	approx 2.5 kg / m <sup>2</sup> (grain size 0.6-1.2 mm)
Processing time*	approx. 30-40 minutes
Floor heating system	suitable
Cure time*	after approx 7 days
Walkable*	after approx 12 hours
GISCODE	RE 1 according to TRGS 610
EMICODE	EC 1R according to GEV
Storage	Store in a dry place for approx. 12 months Favorable storage temperature: + 10 °C to + 20 °C Observe EG-safety data sheet

\* At 68 °F (+20 °C) and 65 % relative humidity. Higher temperature and low humidity decreases, lower temperature and high humidity increases this value respectively.

## IMPORTANT NOTICE

Only for professional end users.

## COVERAGE

As a primer: approx. 200-300 g / m<sup>2</sup>  
As a moisture barrier: at least 500 g / m<sup>2</sup>

## CLEANING

Clean tools immediately with solvents, e.g. Alcohol, or **Bakit RT**.

## PACKAGING

Product description	Item no.	Item no.
9 kg sheet metal comp. A, 48040, 4015705480404		
3.5 kg plastic canister comp. B, 48041, 4015705480411		

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

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