

SA OMNI SHIELD 2K-PU WB

USER MANUAL + TECHNICAL DATA SHEET



PRODUCT DESCRIPTION:

SA Omni Shield 2K-PU WB is a special, two-component water-based polyurethane sealant for long-term protection of floors and walls.

- For professional use only
- Reduces dirt adhesion and degree of maintenance
- Durable coating, excellent elasticity and good resistance to colorless chemicals
- Easy to apply and excellent adhesion
- Safe to use
- Contains high solids
- Does not turn yellow
- Gloss level: matte

APPLICABILITY:

Suitable as a protective coating for Basebeton, BetonCiré Original, Oxidestuc, Stuccopuro.

USAGE:

Carefully mix component B with component A according to the indicated ratio (10:2) + 10% water and then apply SA OMNI SHIELD 2K-PU WB with a roller. A second coat of SA OMNI SHIELD 2K-PU WB can be applied after 3-4 hours without sanding or after 12 hours with prior light sanding with 320-grit paper. A second coat of SA OMNI SHIELD 2K-PU WB can be applied after 12 hours with prior light sanding with 220/320-grit paper. Dusty substrates must be primed with one coat of SA OMNI SHIELD 2K-PU WB diluted with 10-20% water.

REMARKS:

- The substrate must be well prepared and in addition clean and dry, as well as free of dust, oil and wax;

- The ground and material temperature during application and drying must be at least 15 °C at all times;
- During application, consider the properties of the substrate to be worked on.

!! Attention: after the Stone Age product has been applied to the floor, this floor may - in connection with the composition of the Stone Age product - never be covered with tape afterwards (i.e. even when the floor is already in use!). This will prevent possible disturbing prints, which could damage the floor. Stone Age accepts no liability whatsoever for damage caused if the floor in question is taped off contrary to these instructions.

USAGE:

In a two-layer application, per layer approx. 60 - 80 g/m². Depending on the absorbency of the substrate.

DRY TIME:

Carefully passable and further workable after about 2 hours. If applying a second coat, should be done within 12 hours of applying the first coat. Can be gently used after a 12-hour drying period of any coating layer. After 48 hours, about 80% of the durability has already been achieved. Full durability and resistance to chemicals of the product is achieved after 7 days (at 20 °C, 50 % relative humidity and adequate air exchange).

Low temperatures, increased humidity and poor ventilation can significantly increase drying time. Do not place carpets on the finished floor for the first 10 - 14 days. Ensure that furniture is

placed carefully. The surface must not be wetted during the first three days.

CLEANING AND MAINTENANCE:

After the treated floor has fully cured, it is recommended to use SA PU Cleaner for maintenance. Regarding substrates that require more or different kind of care, signs of wear such as scratches or discolorations may make partial or complete restoration of the coating layer with SA Omni Shield WB 2K-PU (as care treatment) desirable. When a regular level of care is desired, we recommend SA PU Protect Mat.

STORAGE:

Protect from frost. Store cool and dry. Can be kept for up to 12 months in unopened and original packaging from the date of production. Keep out of the reach of children.

During storage, condensation may occur due to fluctuations in temperature and in already opened containers. Strain well before use.

TECHNICAL DETAILS:

- Mixture ratio: 10/2 + 10% Water
- Application temperature: +10°C ÷ +25°C
- Application: 8 mm microfiber roller / brush
- Chemical and physical characteristics: excellent
- Coverage: 60 - 80 g/m² (depending on the degree of absorption of the substrate)
- Overcoating without sanding: 3-4 h
- Dust dry: 30' (1)
- Fingerprint dry: 2 h (1)
- Pot-Life: 2 h (1)
- Sanding: 12 h (1)
- Gloss level: LD: 85 gloss; SL: 35 gloss; OP: 15 gloss; S.OP: 5 gloss (depending on the substrate, absorption and quantity of product applied) (2)
- Coating: excellent
- Storage stability: 1 year (3)

1 - at 20°C and 65% R.H.

2 - onto wet film of 90 micron hardened at 20°C and 65% R.H. for 7 days.

3 - in original sealed containers at temperatures between +10°C and +25°C

SPECIAL INSTRUCTIONS:

- Mixed 2K products can develop carbon dioxide and pressure. Therefore, never seal 2K mixtures because of the risk of bursting!
- Clean the tools used with water. Cured paint residues can only be removed mechanically. We always recommend using new, dry Aquatop paint rollers.
- Pay attention to the batch printing. Only use products with the same print for one and the same coat. For different batches, we recommend mixing them in a separate container before application.
- Colored products (e.g. hair dyes, colored wound disinfectants) as well as plasticizers (e.g. from rubber) lead to irreversible discoloration of the coating layer. If, depending on the object, it must be ensured that this object is resistant to disinfectants, we recommend carrying out preliminary tests with preparations of the agents used on site. In such a case, please feel free to ask us for further technical advice.

REMARKS:

Our following publications apply in their current form as supplements to this Information Sheet:

- General notes on the use of Stone Age products.
- Safety Data Sheet, which is available on request.

The specified publications, as well as this Information Sheet in its most current form, are available from the address below:

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DISCLAIMER:

Our above technical advice is drawn up to the best of our knowledge and based on the latest technology. For this reason,

when using our products, in compliance with the application instructions given and the procedure suggested by us, no damage is caused to the materials for which these products are intended.

However, the use of our products is beyond our control, remains your own responsibility and does not relieve you from prior testing of our products for their suitability for the intended procedures and purposes. Our advice and regulations are therefore not binding and cannot be invoked against us - which also applies to any proprietary rights of third parties. The relevant recommendations, guidelines and standards, as well as the recognized rules from technology must be observed. With the issuing of this product information, previous versions lose their validity.