

PRODUCT DATA SHEET

ONE® PRIMER

ITEM CODE: SEE DN
ISSUE DATE: 29/09/2023
REVIEW: NO. 4

DESCRIPTION OF THE PRODUCT

ONE® PRIMER is a two-component epoxy adhesion promoter designed for oil-contaminated substrates. It is ideal for anchoring on oil-stained concrete surfaces, following proper substrate preparation. Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

Pre-treatment of cement, concrete, and various stone flooring substrates.

SURFACE PREPARATION

Remove the contaminated substrate to a depth of approximately 2 mm. Thoroughly dust the surface, clean it with a suitable detergent, then rinse and wash it using a pressurized water jet.

RECCOMENDATIONS

Do not add additives.
Do not use the product if the packaging is damaged.
Do not add water or solvents.

PRODUCT PREPARATION

Stir each component individually to homogenize any sediment. Pour Component B into Component A and mix thoroughly with at low speed until a homogeneous, lump-free consistency is obtained.

APPLICATION

ONE® PRIMER must be applied to a clean, dry or slightly damp substrate. If high-pressure washing with specific degreasing detergents has been performed, ensure all water puddles or stagnation are completely removed before applying the primer. Apply the product with a roller or brush on the cementitious substrate. To improve adhesion of subsequent layers, it is strongly recommended to broadcast quartz 0.1-0.5 onto the wet primer. Apply the product at temperatures between +5°C and +35°C.

PRODUCT DATA SHEET

CONSUMPTION

400 - 500 g/m²

PACKAGING

20 kg bucket (Component A: 17.8 kg + Component B: 2.2 kg)

5 kg bucket (Component A: 4.45 kg + Component B: 0.55 kg)

STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

PRODUCT DATA SHEET

TECHNICAL FEATURES (average value)

FEATURES	RESULT
Specific weight (A+B)	2.00 ± 0.05
Dry residue (A+B)	97 ± 2 %
Brookfield viscosity at 20°C	1.200 ± 100 cPs
Adhesion to dry reinforced concrete	>2.5 MPa
Adhesion to reinforced concrete	>1.5 MPa
Dust-free at 23°C	8 h
Touch-dry	12 h
Full curing time	7 days
Pot life (working time) at 20°C	Approx. 50 minutes
Catalysis ratio by weight	A=8.9 B= 1.1
Overcoating time at +5°C to +35°C	24 h
Overcoating time at 0°C to +4°C	48 h

The product complies with the requirements of Directive 2003/53/EC.

PRODUCT FOR PROFESSIONAL USE ONLY

DISCLAIMER AND LEGAL NOTICE - WINKLER

The information and instructions contained in this Technical Data Sheet are prepared on the basis of WINKLER's best technical and application knowledge and are provided for guidance only. However, since WINKLER cannot directly control site conditions or the execution of works, these indications are in no way binding on WINKLER.

The data provided do not exempt the purchaser from the responsibility of verifying, through practical tests and comprehensive applications, the suitability of the product for the intended use and of determining whether it is appropriate for the desired application; the user assumes all responsibility arising from its use. The customer is also responsible for verifying that this Technical Data Sheet is valid for the batch of product of interest and that it has not been superseded by later editions. The updated Technical Data Sheet is available on WINKLER's official website.

The contents of this Technical Data Sheet may be reproduced in other project documents, but the resulting document may under no circumstances replace or supplement the Technical Data Sheet in force at the time of application of the WINKLER product. Any alteration of the text or conditions contained in this Technical Data Sheet or derived from it releases WINKLER from any liability. WINKLER reserves the right to make technical changes of any kind to its products and/or Technical Data Sheets without notice. This revision cancels and replaces all previous ones.