

Bodenguard H-250 Primer



DILUTION
5-10%



CONSUMPTION
0,110 - 0,130
Kg/m²



APPLICATION TOOLS
Rolle, Brush,
Airless spray



MIX
100A : 20B

2-component, transparent,
water based, epoxy primer

» **Exceptional adhesion**

» **Ideal Impregnation**

» **Low VOC**

» **Mild odor**

DESCRIPTION

Two-component, water-based epoxy primer, specially designed for indoor or outdoor floors, roof terraces, etc. It is characterised by its impregnation into absorbent surfaces and its exceptionally high adhesion. It has a particularly mild odour and low emissions of volatile organic compounds classified as A+ and EMICODE EC2. It is CE labeled in accordance with **EN 13813**.

APPLICATION FIELD

It is used as an adhesion and stabilising primer for cementitious and absorbent surfaces, both prior to the application of **BODENGUARD** or **FLOORSHIELD** epoxy or polyurethane products, as well as a primer on bituminous membranes or roof terraces before applying products from the **TOTAL PROOF series**.

A/j (WB) Two-pack reactive performance coatings for specific end use such as floors.

- VOC Limit Value: 150 g/L
- Maximum VOC concentration of the ready to use product: 149 g/L

TECHNICAL DATA

Binder Type	A comp: Epoxy resin
	B comp: Mixture of polyamides
Mixing ratio (A+B) w/w	100A : 20B
Density ISO 2811 @ 25 °C (A+B)	1,08 g/mL (±0,05)
Solids content w/w ISO 3251-03 (A+B)	35,5% (±2)
Viscosity ISO2555 @ 25°C (A+B)	440 mPas (± 100) (sp4/100rpm)
	2,5 – 3,5 h @ 15°C
	2,0 – 2,5 h @ 25°C
POT life	1,5 – 2,0 h @ 35°C
Consumption (1 coat)	0,110 – 0,130 kg/m ² /layer
Flexibility with conical mandrel ISO 6860	ø<3,5mm
ΣΥΜΦΩΝΑ ΜΕ ΤΟ EN13813	
Bonding EN13892-8	≥ 4,0 N/mm ²
Wear resistance BCA EN 13892-4	30µm
Impact resistance ISO 6272-1 (500mm/1000g(±10))	Pass
Reaction to fire EN13501-1	E _R

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DIRECTIONS FOR USE

1. SUBSTRATE – PREPARATION The substrate to be coated must be clean, stable, solid, and free from standing water, rust, moisture (less than 4%), dust, oils, lime, tar, and any loose materials that could affect adhesion. For any repairs deemed necessary for the proper preparation of the substrate, the appropriate repair materials from **KRAFT Paints** should be used.

Concrete or absorbent surfaces: The quality of the concrete must be of a class equal to or higher than C20/25, and the cement content of the screed must be at least 350 kg/m³, with full curing for at least 28 days beforehand. Proper preparation and smoothing of the surface is essential, using mechanical methods such as sanding, milling,

sandblasting, etc., and the ideal removal of dust.

2. MIXING The components A and B are packaged in containers with a predetermined mixing ratio. Component B is added completely into the container of component A. Mix the two components for about 1-2 minutes manually or with a low-speed drill, ensuring the mixture is homogeneous. Avoid excessive mixing to prevent air entrapment. Then, dilute approximately 5-10% by weight with water.

3. APPLICATION Once properly prepared, apply one coat of the clear **BODENGUARD H-250 PRIMER**, water-based, after diluting 5% to 10% by weight with water. For highly absorbent surfaces, a second coat is recommended. After 24 hours, apply the final topcoat.

IMPORTANT NOTES

- The temperature affects the working time of epoxy materials. Ideal application conditions are between +15°C and +25°C. At higher temperatures, the material sets more quickly, while mild preheating is required in winter and cool storage in summer.
- Due to the nature of the material, exposure of the final coating to

ultraviolet radiation may, over time, cause chalking.

- It should not be applied under humid conditions as this can negatively affect adhesion, film properties and/or the result.
- The substrate should have a temperature of at least 5°C to minimize the risk of condensation or bubbles on the final surface.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

FOR PROFESSIONAL USE ONLY

Carefully read and follow all cautions and warnings on product label. For further information refer to the Safety Data Sheet for this product.

Τηλ. Κέντρου Δηλητηριάσεων:


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STORAGE

Store the product at temperatures between 5°C and 35°C away from direct sunlight and rain, for a maximum of 24 months from the date of production. Keep containers tightly closed when not in use.

PACKAGING

Available in SET packaging of 4KG and 10KG.

 1871 / 1301	DRUCKFARBEN HELLAS SA Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece
25 DoP No 04.49 Bodenguard H-250 PRIMER 2K EN 13813:2002 Synthetic resin screed material for use internally in buildings (SR B2,0-AR0,5-IR 4)	
Reaction to Fire	Class E _r
Release of Corrosive Substances	SR
Water Permeability	NPD
Wear Resistance (BCA)	AR0,5
Bond Strength	B2,0
Impact Resistance	IR 4
Impact Sound Insulation	NPD
Sound Absorption	NPD
Thermal Resistance	NPD
Chemical Resistance	NPD
Release of Dangerous Substances	See SDS

COMPANY CERTIFIED BY

- ✓ ISO 9001
- ✓ ISO 140001
- ✓ ISO 50001
- ✓ ISO 45001

04/26 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.com, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.

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