



# Uni-grip 2k primer

**Technical Specifications**  
 Date of issue: 19/02/2024  
 Version Number: 2th

## Two-component polyurethane primer



UNI-GRIP 2K PRIMER is a high quality - modern technology 2-component primer ideal for boat hulls and top sides, as well as for marine and non-marine use on wooden, polyester, and concrete surfaces intended mainly for exterior and/or interior use. It is a distinct primer because it withstands adverse weather conditions and long-term stresses against permanent UV radiation, sea water, humidity, snow, frost, hail, exhaust gases and atmospheric pollutants. It ensures strong adhesion, long-lasting protection, great elasticity and smoothens out the substrate by filling effectively all surface imperfections. It is applied and sanded easily and dries quickly. When used in combination with topcoats MARINE-1 PAINT or ACRYPOL PAINT, as a system, it ensures long-lasting protection and a highly aesthetic finish.

### Fields of application

Due to its durability, it is suitable for boat hulls, topsides, and decks. It is ideal for protecting and preparing interior and especially exterior surfaces made of polyester, plaster, concrete, bricks, cement, plasterboard, hard PVC, metal, MDF, veneer, plywood, and all kinds of wood.

### Surface preparation

Old or new surfaces must be dry, clean, and free from dust, oil, grease, foreign matters, loose materials and sanded with a suitable abrasive paper. Polyester surfaces must be thoroughly washed and scrubbed with warm water and detergent. Then, sand the surface, wipe off any dust and clean it thoroughly with a cloth soaked in solvent. Dust, oils, fats, and greases must be thoroughly removed from polyester because any residues on the surface will create application problems. On plaster, concrete, brick, cement, plasterboard, after thorough cleaning, repair any cracks or joints with SPATOCRYL or SPATOCRYL ELASTIC acrylic putty and then apply 1-2 coats of UNI-GRIP 2K PRIMER. For repairing defects on wooden surfaces, such as nail holes, splits, surface checking, cracks, hollows, etc. use VERNILAC's wood putty STOCOXYL. Wooden surfaces to be repainted require removal of old flaking paints, filling with STOCOXYL wood putty and sanding with a suitable abrasive.

### Thinning

Up to 15% with polyurethane thinner 4099 or P2, depending on temperature. For industrial use only and spray-gun or airless spray application, thin 20-30% with VERNILAC 4099, P2 or P3 thinner, depending on temperature.

### Physical / Technical Characteristics

Viscosity	92 ± 3 KREB UNITS
Density	1,51 ± 0,01 kg/l (ISO 2811.01, 20°C)

### Mixing

4 parts of component A with 1 part of component B by volume.

### Workability of mixture – pot life

3-4 hours, at a temperature of 30°C. At higher temperatures the workability of the mixture decreases.

### Application

Before application, it is always necessary to stir the two components separately. Then, mix the two components of UNI-GRIP 2K PRIMER and stir well until the mixture is completely homogenized. After stirring and mixing is complete apply by brush or roller, one coat of UNI-GRIP 2K PRIMER diluted up to 15% with polyurethane thinner 4099 or P2. For industrial use and application via spray-gun or airless, dilute 20%-30% with thinner 4099 or P2. After 2 hours apply a second coat of UNI-GRIP 2K PRIMER. Time from hand to hand without sanding 4 hours. Exceeding 4 hours between hands requires sanding of the surface before applying the second layer. After drying of the last layer (at least after 24 hours) sand to a smooth surface, before applying the 2-component topcoat MARINE-1 PAINT or ACRYPOL 2K PAINT. Alternatively, any single or two component water or solvent-borne topcoat can be applied over UNI-GRIP 2K PRIMER.

### Drying - Repainting

Drying at a temperature of 25°C: Touch dry: 30 minutes.  
 Recoat: after 2 hours. Drying and recoating times depend on the environmental conditions (temperature - humidity). Avoid application at temperatures below 5°C or above 35°C.

### Consumption

Approximately 12-14 m<sup>2</sup>/L, per layer, on properly prepared surfaces, for a dry film thickness of 70-110µm.





Βιομηχανία βερνικιών & χρωμάτων varnishes & paints industry



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## Shades

Available in White.

## Storage

The factory-sealed package is kept for at least 6 months in a shaded and cool environment, at temperatures ranging from 5°C to 35°C. After application, tightly seal the container and store in suitable conditions.

## Cleaning tools

Immediately after use, clean tools with ACETONE or VERNILAC's polyurethane solvent 4099. Do not pour washing liquids into water courses.

## Volatile organic compounds (VOC)

The maximum EU limit value (Directive 2004/42/CE) for this product [Category A/j "Two-pack reactive performance coatings for specific end use such as floors", Type SB] is 500 g/l (2010). This product contains maximum 499 g/l VOC (ready for use).

## Packaging

PRIMER	0,6 lt	2 lt	8 lt <sup>SO</sup>
HARDENER	0,15 lt	0,5 lt	2 lt <sup>SO</sup>

<sup>SO</sup> Products and packages labeled with SO are available only after SPECIAL ORDER and after agreed upon quantity and price.

## Safety information

Read the label before use. For detailed instructions - precautions, consult the Product Safety Data Sheet. Poison Information Centre: (+30) 210 77 93 777.

**THE PRODUCT IS INTENDED FOR PROFESSIONAL USE ONLY**



All the information provided in this technical data sheet is the result of the scientific knowledge of the company's personnel and the practical experience in product application. This document doesn't express or imply a guarantee as the company cannot control and bears no responsibility for the conditions and the manner of application, the adjustment and the modification of the product when used by the customer. The customer must confirm by his own means that the product is suitable for the intended use. The current version of technical data sheet withdraws all previous versions for this product.



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