

UNI-PRIMER

polyurethane two-pack primer

- strong adhesion
- great filling capacity
- extreme chemical and mechanical resistance

High-quality two-pack polyurethane primer for the protection of particularly demanding surfaces. Ideal for boat topsides and hulls. Ideal undercoat for a long-lasting painting system when combined with POLYGLOSS, TROPICAL, ANTISKID, POOLGLOSS, MONOTREten products. Due to its formulation, levels out any irregularities on the substrate. Easy to apply and quick-drying. Ideal for marine use or for interior/exterior wood, polyester or cement.

COVERAGE	12±2m ² /lt
FINISH	MATT
THINNING	10-20% THINNER 120
DRYING TIMES	1 hour*
RECOATING TIMES	4-6 hours*
RECOMMENDED NUMBER OF COATS	1-2 coats*
TOOLS	roller, brush or airless paint sprayer

* Lower temperatures or higher relative humidity will prolong drying and recoating times.



TECHNICAL CHARACTERISTICS

TYPE	POLYURETHANE RESIN	
SPECIFIC GRAVITY	WHITE READY-MADE SHADES	1.33 ±0.03gr/cm ³ 1.35±0,05gr/cm ³
SOLIDS w/w (ISO 3251-03)		63±2 % *
SOLIDS w/v (ISO 3233-98)		49±3 % *
VISCOSITY (DIM 53211-70/4mm @ 20°C)		60±5 sec *
APPLICATION VISCOSITY (DIM 53211-70/4mm @ 20°C)		35±5 sec *
MIX RATIO BY WEIGHT	4 parts of component A and 1 part of component B	
MIX RATIO BY VOLUME	3 parts of component A and 1 part of component B	
HIDING POWER (ISO 3905)	90% 150µm wet film**	
WHITENESS INDEX (ASTM E 313-98)	≥ 65**	
YELLOWNESS INDEX (ASTM E 313-98)	≤ 4.5**	
GLOSS (60°) (ISO 2813-99)	4.5±1 *	
GLOSS (85°) (ISO 2813-99)	6±2 *	
RECOMMENDED DRY FILM THICKNESS	110 µm (±10µm) / 2 coats	
HARDNESS (König) (ISO 1522-00)	90±10 sec, 7 days	
APPLICATION TEMPERATURE	min 5°C-max 30°C	

*differs depending on the shade.

**valid only for white.

REGULATION 2004/42/CE

Does not fall into the categories stipulated in Regulation 2004/42/EC.

SURFACE PREPARATION

Carefully prepare surface to obtain good results. Remove all weathered coatings, rust and oils. Sand surface smooth and remove sanding residue with a rag.

- ▶ **New polyester:**
 Degreasing new polyester is of utmost importance. Please follow the proposed procedure: Wash surface with warm water and soap (detergent). Rinse well, allow to dry and clean using a thinner. Sand surface smooth and remove sanding residue with a whisk and a thinner soaked rag. The surface is now ready to be painted. Any other surface preparation method could trap grease inside the surface thus, rendering painting impossible. Prime with UNI-PRIMER, 1-2 coats.
- ▶ **New plaster, concrete, brick, cement:**
 Apply POLACRYL 301 until surface saturation is achieved. Prime with UNI-PRIMER, 1-2 coats.
- ▶ **New wood:**
 Apply POLACRYL 301 until surface saturation is achieved. Prime with UNI-PRIMER, 1-2 coats.
- ▶ **Recoated old surfaces:**
 Sand surface smooth. Apply 1-2 coats of UNI-PRIMER.

INTENDED USE

	POLYESTER
	WOOD
	CONCRETE/ CEMENT

APPLICATION

- ▶ Stir well component A before use to achieve homogeneity. Then, add component B progressively while constantly stirring.
- ▶ Make sure your tool has the adequate quantity of paint to cover an entire section. This practice should be strictly followed to obtain optimum results.
- ▶ Sand surface smooth with the right sandpaper for the task before painting.
- ▶ To prevent bubble forming during application, work in an area protected against direct sunlight if possible.
- ▶ Do not apply when ambient temperature and surface temperature is below 10°C, above 35°C and when relative humidity is above 70%.
- ▶ Adequate ventilation must be ensured due to the hazardous fumes generated during paint application.

- ▶ Mix ratio for UNI-PRIMER:

BY VOLUME	3 parts 1 part	component A component B
BY WEIGHT	4 parts 1 part	component A component B

- ▶ Allow UNI-PRIMER to dry. Sand surface smooth and remove sanding residue. Then, paint with the two-pack polyurethane paint of your choice (POLYGLOSS, ANTISKID, POOLGLOSS, MONOTRETEN) or with TROPIKAL antifouling paints.

USEFUL INFORMATION

- ▶ Ideal primer for boat hulls.
- ▶ If more than 24 hours elapse after application of UNI-PRIMER, it is best to sand the surface lightly before application of the top coat.
- ▶ Lower temperatures or higher relative humidity will prolong drying and recoating times, shortened in the opposite case.
- ▶ The painted surface acquires its final properties 7 days after application of the final coat.
- ▶ New plaster or concrete are best to be coated after 28 days.

PACKAGING

- ▶ Available in White / Grey/ Light Blue/ Terracotta. Containers of 750ml and 2.5L.

STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean immediately after use with THINNER 120 or with any nitro or polyurethane thinner. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

TECHNICAL DATA SHEET

EDITION: JANUARY 2016

F860 | **UNI-PRIMER**

REPLACES ALL EARLIER VERSIONS

MARINE
COATINGS
&
PRIMERS

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HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

