POLYGLOSS

polyurethane top coat

- premium high-gloss finish
- long-lasting shades
- extreme chemical and mechanical resistance.

Premium two-part polyurethane top coat, extremely resistant to adverse weather conditions. Long-lasting bright colours with excellent yellowing resistance. Excelling durable gloss. Gives an extremely tough and elastic surface with great resistance to tear and knocks while it creates a flawless finish. Its composition ensures excellent results on all surfaces. Ideal for indoor and outdoor use on highly demanding surfaces. Ideal for any type of boat.

COVERAGE
14±2m²/L

FINISH
HIGH GLOSS

THINNING
5-15% THINNER 120

DRYING TIMES
1 hour*

RECOATING TIMES
2-4 hours*

RECOMMENDED NUMBER OF COATS
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	1.18 ±0,05gr/cm³ 1.05-1.18 ±0,03gr/cm³
SOLIDS w/w (ISO 3251-03)		56±2 % *
SOLIDS w/v (ISO 3233-98)		46±3 % *
VISCOSITY (DIN 53211-70/4mm @ 20°C)		38±5 sec *
APPLICATION VISCOSITY (DIN 53211-70/4mm @ 20°C)		23±5 sec *
MIX RATIO BY WEIGHT		2.3 parts of component A : 1 part of component B
MIX RATIO BY VOLUME		1.7 parts of component A : 1 part of component B
HIDING POWER (ISO 3905)		94% | 150μm wet film**
WHITENESS INDEX (ASTM E 313-05)		≥ 83**
YELLOWNESS INDEX (ASTM E 313-05)		≤ 1.5**
GLOSS (60⁰) (ISO 2813-99)		99±1 *
GLOSS (85⁰) (ISO 2813-99)		97±3 *
RECOMMENDED DRY FILM THICKNESS		65μm (±5μm) / 2 coats
HARDNESS (König) (ISO 1522-00)		120±15 sec , after 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 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 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. Apply 2 coats of POLYGLOSS.
- **New plaster, concrete, brick, cement and stone:**
  Apply POLACRYL 301 until surface saturation is achieved. Prime with UNI-PRIMER, 1-2 coats. Apply 2-3 coats of POLYGLOSS.
- **New wood:**
  Apply POLACRYL 301 until surface saturation is achieved. Prime with UNI-PRIMER, 1-2 coats. Apply 2-3 coats of POLYGLOSS.
- **New metal:**
  Prime with X-RUST, 2 coats. Apply 2-3 coats of POLYGLOSS.
- **New glass, tiles, enamel plates:**
  Prime with SMALTO GRIP, 1-2 coats. Apply 2-3 coats of POLYGLOSS.
- **Recoated old surfaces:**
  Prime with UNI-PRIMER, 1-2 coats. Apply 2-3 coats of POLYGLOSS.

INTENDED USE

POLYESTER
WOOD
METAL
CONCRETE / CEMENT
GLASS / TILES/ ENAMEL PANELS
STONE

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%.
- To improve the chemical resistance and the mechanical properties of the final surface, add ADDITIVE 640 before application of the last coat.

BY VOLUME	1 part ½-1 part	POLYGLOSS A+B ADDITIVE 640

- Make sure that the colour of the support is perfectly covered before application of POLYGLOSS mixed with ADDITIVE 640.
- Adequate ventilation must be ensured due to the hazardous fumes generated during paint application.
- Mix ratio for POLYGLOSS:

BY VOLUME	1.7 parts 1 part	component A component B
BY WEIGHT	2.3 parts 1 part	component A component B

USEFUL INFORMATION

- If more than 24 hours elapse after application of UNI-PRIMER, it is best to sand the surface lightly before application of POLYGLOSS.
- 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

- White/ Ready-made shades from our colour paint chart. Available in 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.

HEALTH & SAFETY

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