

PROTECTIVE & MARINE COATINGS

Berger Marinelux Urethane



PRODUCT DESCRIPTION

A two-component acrylic polyurethane giving a high-performance finish to interior and exterior vessels trading in coastal and tropical waters. Berger Marinelux Urethane provides superior protection along with extreme weather resistance.

DESIGNED USE

- Long term recoat ability properties
- Excellent colour and gloss retention
- Resistant to a large number of chemicals and water
- Dry heat resistance up to 120°C.

PHYSICAL DATA

FINISH Gloss

COLOUR As per shade card

THINNER/CLEANER Solvalux 7-73

PRACTICAL COVERAGE Approximately 9.3 - 10.4 m²/litre (370-414 sq ft per 3.7L) depending on porosity of surface, texture and finish of the substrate

DRYING TIME Touch – 30 mins, Hard 5 hrs. Recoat minimum 5 hrs.

APPLICATION DETAILS

APPLICATION METHOD: Brush, roller, Conventional or Airless Spray.

SPRAY RECOMMENDATIONS:

Conventional: Tip Size: 1.80 mm - 2.20 mm (0.071 - 0.087 in) Pressure: 40 - 50 psi (2.75 - 3.45kg/cm²).
sags

Airless: Tip Size 0.28 - 0.38mm (0.011 - 0.015 in) Pressure: 110 - 150kg/cm² (1600 - 2100 psi).

Pack Size 1 Gallon (3.7L) and 5 Gallon (18.9L)

NO. OF COMPONENTS: 2

MIXING RATIO: 7 Parts Base to 1 Part Hardener (by volume)

Ensure adequate ventilation during application and drying. Do not apply when humidity exceeds 95% and condensation is likely.

SURFACE PREPARATION

STEEL

- For maximum performance, this product should be applied to a surface that has been blast cleaned and suitably primed with Berger Marinelux EZ Prime 6000.
- The underlying system should be free from damage and defects.
- The surface to be overcoated must be dry and free from surface contaminants.
- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SP1.
- Soluble salts, dirt and dust must be removed prior to coating. Dry brushing should be sufficient. A freshwater wash must follow to remove all soluble salts.
- Always ensure the maximum overcoating time for the primer/build coat has not been exceeded prior to application. Apply Marinelux Urethane as specified.

ALUMINIUM, COPPER, ZINC SPRAYED STEEL, GALVANISED METAL

- Degrease with Solvalux 7-73 and where practical, abrade lightly.
- Pretreat with one coat of Berger Etch Primer.
- Then apply Marinelux Urethane topcoat as specified.

PREVIOUSLY PAINTED SURFACES

Steel, Aluminum, Copper, Zinc Sprayed Steel – Remove all rust and any loose flaking paint by abrasive blasting to expose to a clean surface.

SAFETY PRECAUTIONS

- Read directions carefully before using
- Keep out the reach of children
- Do not take internally • Liquid paint and vapours may cause irritation
- Use only with adequate ventilation
- To ensure the entry of fresh air, open all windows and doors
- If headache or dizziness is experienced, use respiratory protection or leave area for fresh air
- Avoid contact with skin or eyes

FIRST AID

Ingestion: Do not induce vomiting. Get medical attention immediately

Inhalation: If excessive exposure symptoms are experienced, leave area to obtain fresh air. If difficulty continues, seek immediate medical attention.

Eye Contact: Flush immediately with water for at least 15 minutes.

Skin Contact: Wash thoroughly with soap and water.

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

For specific recommendations, contact your Berger Technical Service Representative or Technical Service Department.
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