

# eile PUR 060

## Two-Component Polyurethane-Based UV Resistant Top Coat Paint

### Description

Two-component, polyurethane-based, non-yellowing, glossy/semi-matte topcoat paint.

### Application Areas

Used in areas where high color and gloss retention is desired, such as on metal, aluminum, and galvanized surfaces without a primer, or as the final coat in epoxy systems in highly corrosive environments.

### Product Features

- Resistant to sunlight and atmospheric conditions.
- Elastic.
- High mechanical and chemical resistance.
- Excellent coverage and spreadability.
- Can be applied with a brush or roller.
- It is a polyurethane topcoat paint.

### Application Procedure

#### Surface Preparation

All surfaces must be clean, dry, and free from dirt. It should be applied on surfaces where a suitable primer has been used.

#### Mixing

The mixture ratio of components A and B should be followed carefully. Mix using a low-speed mixer for at least 3-4 minutes until a homogeneous mixture is obtained. After the first mixing, transfer the mixture into a clean container and mix again.

#### Mixing Ratio

By weight: 10:1

#### Application Method

Can be applied by airless/air spray, brush, or roller.

#### Cleaning of Tools

Safety Recommendations: During application, appropriate workwear, protective gloves, goggles, and a respirator should be worn. In case of contact with occupational health and safety regulations must be worn. Avoid contact with skin and eyes. If contact occurs, wash immediately with plenty of water. In case of contact with eyes, seek medical attention immediately. Store out of the reach of children. No food or drink should be consumed while using the product. For more information, see the MSDS. **EXPORT A.S.**, the producer of eile POMEX-branded products, cannot be held responsible for any damage or injury arising from the use of the product if it is not used according to the above-mentioned recommendations and application conditions. It is the responsibility of the user to ensure that the application conditions and methods are valid. eile POMEX is not liable for any claims for compensation arising from failure to apply the products as recommended, work-related accidents, or damage to property. Note: eile POMEX reserves the right to make developments or revisions to the product and this technical document over time. This Technical Data Sheet invalidates any previous versions published for this product. Users must ensure they have the most up-to-date version of the technical document. **EIP-TDS-067-Eile PUR 060-rev0\_eng**

### Points to Consider

- Do not apply in excessively hot, windy, or rainy weather; if the ambient temperature is below +10°C or above +30°C, wait for suitable conditions for application.
- In very cold weather, ensure the ambient and surface temperatures are regulated with heaters before application.
- Only expert applicators should perform the application.
- The material must fully cure under the recommended temperature conditions for both the environment and the surface.

### Packaging

B Component: 2 kg container

### Storage

Should be stored in unopened original packaging in a cool and dry environment, between +5°C and +35°C, away from direct sunlight.

### Shelf Life

The shelf life is 12 months from the production date if stored under the recommended conditions and in unopened packaging.

### Technical Specifications

**Color:** Available in various RAL colors  
**Gloss:** Glossy/Matte  
**Density:** 1.20 (±0.1) gr/cm<sup>3</sup>  
**Solid Content:** 62% (by weight)  
**Coverage:** 10-12m<sup>2</sup>/L  
**Application Method:** Brush, roller, spray (Nozzle Size: 0.017-0.019 inch, Nozzle Pressure: 150 bar)  
**Pot Life:** 4-6 hours (varies based on temperature and mixture quantity)  
**Touch Dry:** 2-3 hours  
**Full Cure:** 3 days (at 20°C)  
**Second Coat Application:** 12-48 hours  
**Recommended Dry Film Thickness:** 40-50 µm  
**Capillary Water Absorption:** ≤ 0.1 kg/(m<sup>2</sup>·h)  
**Adhesion Strength (via pull-off test):** ≥ 1 N/mm<sup>2</sup>  
**Abrasion Resistance:** < 600 mg  
**Impact Resistance:** CLASS 2  
**Fire Class:** D/s2, d0  
These values are obtained from laboratory tests. Variations may occur depending on the construction site conditions.

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