



## Surface Protection

### PORODUR UVA

#### Technical Data Sheet

Reviewed: 06.10.2024

#### DESCRIPTION

**PORODUR UVA** is high quality transparent, pure acrylic, silicone-enriched solvent based varnish for stones and artificial building materials. It has excellent penetrating capacity, excellent resistance to UV rays and adverse weather conditions. It protects surfaces from wearing, tearing, humidity and staining. Preserves and enhances the natural beauty of the surface applied for decorative purposes. It is suitable for interior and exterior use.

#### ADVANTAGES

- Excellent finishing - enhances the natural beauty of stones
- Excellent penetration
- Excellent water repellence
- Long lasting protection from stains, rain, humidity, fungi, mould etc.
- Resistance to temperature variations
- Excellent UV resistance
- Easy to apply – ready to use material
- Gloss or Satin finish available
- Interior and exterior use

#### APPLICATIONS

- Protection and decoration of porous surfaces such as natural or artificial stones, Karystos or Pilio type tiles, marble, bricks, artificial building materials, ceramic tiles (cotto), ceramic roof tiles, cement tiles, cement, decorative gypsum elements, concrete etc.
- Suitable for walls, fireplaces, benches, floors etc.
- Ideal for the protection of substrates decorated with cement screed finish.
- Strengthening of loose or deteriorated substrates.

#### INSTRUCTIONS FOR USE

##### Substrate preparation

1. Surfaces must be dry and clean from dust, unstable material, oil and rust.
2. New surfaces must be cleaned with wet sponge prior to application.
3. Old, stained surfaces must be cleaned with **OXY CLEAN CL 17** prior to application. Pressure clean wide stone surfaces if needed to remove dirt and use **OXY CLEAN CL 17** for stagnant stains.
4. Surfaces must be completely dry prior to application.

##### Application

1. Stir material thoroughly before and during application.
2. Apply two coats of **PORODUR UVA** with a brush, roller or spray gun (for vertical surfaces). Special attention must be given for even application. Allow at least 3 - 4 hours for drying between the coats.
3. When applied on very porous substrates or heavy traffic floors, a third coat is recommended.
4. Windows, doors, plants etc must be carefully covered prior to application.
5. **PORODUR UVA** when dry is not harmful for humans and the environment.

#### CLEANING

Remove as much material as possible from brushes and rollers before cleaning. Clean all equipment immediately after use with nitro solvent or spray gun solvent.

#### REMARKS

Due to the wide variety of substrates and environmental conditions, a compatibility test is recommended in an inconspicuous spot prior to full scale application.

#### COVERAGE

10 - 12 m<sup>2</sup>/Lt per coat depending on the surface texture, absorption and quality. Apply at least two coats.

#### TECHNICAL CHARACTERISTICS

**Type:** Acrylic based varnish for stones

**Form:** Liquid

**Finish:** Gloss, Satin

**Color:** Transparent

**Odor:** Typical of solvent

**Specific gravity:** 0,80 - 0,83 kg/Lt 25°C

**Flammability:** Flammable

**Application temperature:** +5°C έως +35°C.

**Thinning:** 10%-15% depending on the surface with nitro solvent or spray gun solvent.

**Drying time:** Touch dry after 30 - 45 minutes. Recoat after 3 – 4 hours. Drying time depends on weather conditions and the thickness of the layer applied.

**VOC (Volatile organic Compounds) CONTENT:** (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/h(SB):“binding primers-designed to stabilize loose substrate particles or impart hydrophobic properties”):750gr/lit (2007), 750 gr/lit (2010). This product contains maximum 730 gr/lit VOCs (ready for use product).

#### STORAGE

In a cool and dry place at temperatures between +5°C - +35°C, away from sources of ignition, flame and direct sunlight. Protect from frost.

#### SHELF LIFE

At least 36 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

#### PACKAGING

Tins 750ml, 3Lt, 19Lt

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PACKAGING	CODE	BARCODE
GLOSS		
750ml	05030	5204094050308
3Lt	5059	5204094050599
19Lt	5246	5204094052463
SATIN		
750ml	5238	5204094052388
3Lt	5239	5204094052399
19Lt	5253	5204094052531

#### HEALTH AND SAFETY INFORMATION

Consult recent Safety Data Sheet before application.

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The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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