Date of issue: 19/10/2026

TECHNICAL DATA SHEET
AQUAFINISH-PU 556

Product description

AQUAFINISH-PU 556 is a two-component, water-soluble, acrylic, aliphatic polyurethane varnish.

Intended uses

It is recommended for use on interior and exterior surfaces of pressed cement mortars, concrete, wood, natural stone and epoxy paint for the reinforcement, waterproofing, modification of gloss and protection of these surfaces.

Product data

<table>
<tr><td>Indicative film thickness, dry:
Indicative film thickness, wet:
Theoretical coverage:
Suggested dry film thickness:</td><td>30 μm

80 μm
80g/m² (12,6 m²/l) per layer

30-60 μm</td></tr>
<tr><td>Gloss (GU 60 °)</td><td>Mat</td></tr>
<tr><td>Solids by volume</td><td>38 %</td></tr>
<tr><td>Density (A+B)</td><td>1,02 g/ml</td></tr>
<tr><td>Mixing ratio A:B</td><td>4:1 per weight</td></tr>
<tr><td>Working pot life (A+B)</td><td>2h (23±2 °C) Time varies with increasing or decreasing temperature.</td></tr>
<tr><td>Indicative drying times and overcoating/ Relative humidity 50%±5</td><td>
<table>
<tr><td>°C</td><td>Touch Dry, Minutes</td><td>Hard Dry, Hours</td><td>Overcoating, Hours</td></tr>
<tr><td>15°</td><td>45min</td><td>2h</td><td>6h</td></tr>
<tr><td>25°</td><td>30min</td><td>1,5h</td><td>4h</td></tr>
</table>
</td></tr>
<tr><td>Colours</td><td>Colorless</td></tr>
<tr><td>VOC (Volatile Organic Compounds)</td><td>EU limit value for this product Category A/j, Type: WB, Two-pack reactive performance coatings for specific end use such as floors, is 140g/l (2010). This product contains max 100g/l</td></tr>
</table>

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Surface preparation

Surfaces must be clean, dry and free of oily substances and deposits of other materials which will prevent or affect adhesion.

Application

Thinning

Up to 30% with water

Application methods

Brush, roller (velour, short nap), airless spray.

Mixing of components

Component B is added to component A and the mixture is thoroughly mixed for approximately 5 minutes, diluted as appropriate, left for approximately 10 minutes to remove trapped air, and then applied within 2 (max) hours.

Application

- For DFT (dry film thickness) up to 30μm, the application is done in one layer.
- For general use, the application of 2 layers is recommended.
- In particular, the application of 3 layers is recommended on floors, on surfaces that will receive mechanical stress and on surfaces that are in a high humidity environment.
- From layer to layer, a minimum of 4-6 hours are needed depending on temperature and humidity conditions.

Cleaning solvent

Water

Application conditions

In conditions of high relative humidity (80-85%), good ventilation conditions are essential. Substrate temperature shall be at least 3°C above the dew point and always above 0°C. Application at ambient air temperatures below 10°C is not recommended.

Safety

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult TETRALUX Safety Data Sheets and follow all local or national safety regulations.

Remarks

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly. Applicators and operators shall use appropriate personal protection equipment when using this product.

Storage

Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.