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## TECHNICAL DATA SHEET

### ACRYLUX-PU 555

#### Product description

ACRYLUX-PU 555 is a two-component matt acrylic, aliphatic polyurethane enamel paint.

#### Intended uses

It is recommended for use on interior and exterior primed metal surfaces exposed to moderate-to-highly corrosive environments. It can be used as a top coat in various anti-corrosion systems for protection according to ISO EN 12944, C2 Very High to C4 Low. It has very good colour retention as well as exposure resistance.

#### Product data

|   |  |                    |                 |                    |
|---|--|--------------------|-----------------|--------------------|
| <b>Indicative film thickness, dry:</b>                                  | 50 µm  |                    |                 |                    |
| <b>Indicative film thickness, wet:</b>                                  | 107 µm   |                    |                 |                    |
| <b>Theoretical coverage 50µm:</b>                                       | 9,3 m²/l   |                    |                 |                    |
| <b>Suggested dry film thickness:</b>                                    | 40-60 µm   |                    |                 |                    |
| <b>Gloss (GU 60 °)</b>  | Matt (<10)   |                    |                 |                    |
| <b>Solids by volume</b>   | 47 %   |                    |                 |                    |
| <b>Density (A+B)</b>  | 1,24 gr/ml   |                    |                 |                    |
| <b>Mixing ratio A:B</b>   | 7:1 per weight   |                    |                 |                    |
| <b>Working pot life (A+B)</b>   | 2,5h (23±2 °C) Time varies with increasing or decreasing temperature.  |                    |                 |                    |
| <b>Indicative drying times and overcoating/ Relative humidity 50%±5</b> | °C   | Touch Dry, Minutes | Hard Dry, Hours | Overcoating, Hours |
|   | 15°  | 30min              | 2h              | 24h                |
|   | 25°  | 20min              | 1,5h            | 16h                |
| <b>Colours</b>  | Wide range of colours available via TETRALUX tinting system.   |                    |                 |                    |
| <b>VOC (Volatile Organic Compounds)</b>                                 | EU limit value for this product Category A/j, Type: SB, Two-pack reactive performance coatings for specific end use such as floors, is 500g/l (2010). This product contains max 499g/l |                    |                 |                    |



### **Surface preparation**

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

Before applying the undercoat: surfaces must be assessed and treated accordingly, sandblasting to Sa2½ level (EN ISO 8501-1:2007) is recommended while for surfaces to be prepared by hand they should be prepared to a minimum St3 level (EN ISO 8501-1:2007) at the time of painting.

### **Recommended undercoat**

METALPOX 140, TETRAMASTIC 960

### **Application**

Apply one layer for DFT 40-60µm. Its composition allows the required thickness to be achieved in one layer without sagging during application.

### **Application methods**

The product can be applied by:

Air spray: 1,4-1,6mm, 2 - 2.5 bar (29 - 36 psi)

Airless spray: 0,015-0,018", 150 bar (2175psi)

Brush and Roller. Recommended for small areas. Care must be taken to achieve the specified dry film thickness.

### **Thinner solvent**

Thinners No850, 851

Air spray: 10-15% (V)

Airless spray: 5-10% (V)

Brush and Roller: 5-10% (V), preferably with No851

### **Cleaning solvent**

Thinner No806

### **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 5°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.