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TECHNICAL DATA SHEET

ACRYLUX-PU 550

Product description

ACRYLUX-PU 550 is a two-component 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 gloss and colour retention as well as exposure resistance. It provides anti-pollution protection to concrete surfaces.

Product data

Indicative film thickness, dry:	50 µm			
Indicative film thickness, wet:	107 µm			
Theoretical coverage 50µm:	9,3 m²/l			
Suggested dry film thickness:	40-60 µm			
Gloss (GU 60 °)	Gloss (>85)			
Solids by volume	47 %			
Density (A+B)	1,23 gr/ml			
Mixing ratio A:B	5:1 per weight			
Working pot life (A+B)	2,5h (23±2 °C) Time varies with increasing or decreasing temperature.			
Indicative drying times and overcoating/ Relative humidity 50%±5	°C	Touch Dry, Minutes	Hard Dry, Hours	Overcoating, Hours
	15°	30min	2h	24h
	25°	20min	1,5h	16h
Colours	Wide range of colours available via TETRALUX tinting system.			
VOC (Volatile Organic Compounds)	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.