



TECHNICAL DATA SHEET

ACRYLUX-PU 550

Product Description

Two component top coat of acrylic polyurethane, with excellent gloss and resistance.

Intended Uses

Polyurethane top coat suitable for exterior and interior metal structures, which are exposed to various types of corrosive environments. It is recommended for offshore constructions, production and storage facilities of chemicals, petrochemicals, energy plants and stations etc. It has excellent maintenance of gloss and shades and great resistance to exposure.

Product Data

Theoretical Coverage	7,5-10,5 m ² /l		
Indicated film thickness, Dry:	50-70 μm		
Indicated film thickness, Wet:	95-130 μm		
Gloss Level (GU 60°)	Gloss (>85 GU, 60°)		
Solids by Volume	54±1 %		
Density	1,20±0,01 gr/ml		
Mixing ratio A:B	6:1 per volume		
Pot life A:B	2,5h (23±2 °C) Time may vary because of the increasing or decreasing of temperature and relative humidity..		
Drying time 23±2 °C, 50%±5 RH	Touch dry	Hard dry	Over coating
	30min	6 h	6 h
	Time may vary because of the increasing or decreasing of temperature and relative humidity.		
Colors	Unlimited number of shades through tinting system of TETRALUX		

Surface preparation



Surfaces should be clean, dry and free from oil, grease and deposits of salts or other materials that could prevent or affect the adhesion. Prior to application surfaces should be assessed and treated accordingly.

Subsequent Undercoat

TETRAGUARD 140, TETRAGUARD 441, TETRAMASTIC 960, TETRAMASTIC Plus 461, TETRAZINC 440, TETRAZINC RICH 441, FIREFILM A6

Application

Apply one or two layers, depending on the color and the film thickness.

Application methods

The product can be applied by:

Air spray: 1, 5-1,8mm, 2 - 2.5 bar (29 - 36 psi)

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

Brush and Roller

Thinner Solvent

THINNER PU 850, PU 851

Air spray: 20-25% (κ.ο)

Airless spray: 10-15% (κ.ο)

Brush and Roller: 10-25% (κ.ο)

Cleaning Solvent

THINNER 806

Subsequent Top Coat

ACRYLUX-PU 550

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.