



TECHNICAL DATA SHEET

TETRASTEEL

Product Description

Single component, fast drying, satin finish (60GU, 60°), alkyd coating.

Intended Uses

General purpose finishing coat for exterior and interior structural steelwork in mildly to moderately corrosive environment. Possesses excellent gloss and color retention and outstanding durability.

Product Data

Theoretical Coverage	8,5-12,5 m ² /l			
Indicated film thickness, dry:	40-60 µm			
Indicated film thickness, wet:	80-120 µm			
Gloss Level (GU 60 °)	Satin (45-60)			
Solids by Volume	50±1 %			
Density	1,18-1,27gr/ml			
Flash Point	30°C			
Drying time	°C	Touch Dry min	Hard Dry hours	Overcoating hours
	15°	30´	2h	24h
	25°	20´	1,5h	16h
Colors	Wide range of colors available via TETRALUX tinting system.			
VOC (Volatile Organic Compounds)	Limit value for this product Category A/i "One-pack performance coat": 500g/l (2010). The product contains max. 499g/l			

Surface Preparation

Surfaces should be clean, dry and free from oil and grease. Prior to application surfaces should be assessed and treated accordingly.



Sa2½ (EN ISO 8501-1:2007) abrasive blast cleaning is recommended while manually prepared surfaces should be prepared to a minimum standard of St3 (EN ISO 8501-1:2007) at the time of coating.

Recommended Undercoat

Metal Primer 120, Metalpox 140

Application

Application methods

The product can be applied by:

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

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

Brush and Roller

Thinner Solvent

Thinners 802, 804, 806

Air spray: 20-25% (w/w) with 802,804,806

Airless spray: 15-20% (w/w) with 802,804,806

Caution: Recoat in 2-3 days with 804

Brush and Roller: 15-20% (w/w) with 804

Cleaning Solvent

Thinner 802,806

Additional Notes

Certain shades for example, yellows, oranges and reds may require additional coat to achieve full opacity.

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.