



TECHNICAL DATA SHEET

TETRAZINC RICH 441

Product Description

Two component epoxy primer with high content of metallic zinc. Contains over 85% zinc in the dry film and provides excellent corrosion protection.

Intended Uses

It is suitable (as part of an anti-corrosion coating system) for the protection of metallic structures which are exposed to highly corrosive environments. It is recommended for offshore constructions, production and storage facilities for chemicals and petrochemicals, power plants and stations, bridges, etc.

Product Data

Theoretical Coverage	7,5-11 m ² /l
Indicated film thickness, Dry:	50-75 µm
Indicated film thickness, Wet:	90-130 µm
Solids by Volume	56±1 %
Density A+B	2,5±0,01 gr/ml
Colours	Grey

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.

Suggested preparation

Oils and greases are removed manually using a solvent (SSPC-SP1) and then the surface is sandblasted with Sa2½ or SSPC-SP6 . There should be no signs of oxidation on the surface before applying TETRAZINC RICH 441.



Application

Before mixing the two ingredients, mix very well component A alone. Put all the B into the container of A, mix and leave the mixture 15-20minutes before applying. Apply the mixture within the Pot life time limit.

Mixing ratio A:B	4:1 per volume		
Pot life A:B	8h (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
	20min	2 h	4 h
Time may vary because of the increasing or decreasing of temperature and relative humidity.			

Apply one or two layers depend on the desirable film thickness.

The product can be applied by:

Air spray: 1,8mm, 2.5 bar (36 psi)

Airless spray: 0,017-0,021", 175 bar (2500psi)

Brush and Roller

Thinner Solvent

Thinners THINNER 806

Air spray: 20-25% (κ.ο)

Airless spray: 10-15% (κ.ο)

Brush and Roller: 10-25% (κ.ο)

Cleaning Solvent

Thinner 806

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.