RAINBOZINC 41

Zinc Rich Silicate

PRODUCT NUMBER **RAINBOZINC 41**

TYPE Two component moisture cured zinc rich (ethyl) silicate coating.

CHARACTERISTICS 1. Tank coating with excellent solvent and oil resistance.

2. Can withstand substrate temperatures from -90°C up to +400°C, under normal atmospheric

exposure conditions.

3. High zinc content resulting in excellent corrosion protection.

4. Good impact and abrasion resistance.

GLOSS COLORS Grey

VOC Max. 452 g/L PRODUCT WEIGHT Above 2.5 kg/L

DRYING TIME Set-to-touch 15 min Dry hard 4 hrs (25°C)

OPTIMUN FILM THICKNESS Wet 115 µ (Micron) Dry 75 μ (Micron)

VOLUME SOLID 65±2 %

THEORETICAL COVERAGE 8.67 m³/L @ 75µ 32.8 m²/Gal

OVERCOATING TABLE EPOXY system

Substrate temp.	-5 ℃	0 ℃	10 ℃	20 ℃	30 ℃	40 ℃
Minimum interval	24 hours	24 hours	18 hours	12 hours	6 hours	4 hours
Maximum interval	unlimited					

MIXING RATIO $Base: Hardener {=} 7.7: 2.3 \; (\; by \; volume\,)$

POT LIFE 8 Hours (20°C)

THINNER NO.1012 Cathozinc Thinner (SP-13)

THINNER RATE The mixing temperature for the base and hardener should be performed at above 15℃. Or else

> thinner should be added in order to achieve application viscosity, too much thinner will result in sagging. Well mix the base and hardener before any thinner is added. $0\sim5\%$ (by bush and

roller) $0\sim10\%$ (Airless)

RECOMMENDED SPEC. Please refer the painting specification

SHELF LIFE Minimum 2 years under normal storage condition

APPLICATION METHOD Airless spray, Bush and Roller

NOTE 1. Mix base and hardener according to the mixing ratio and stir thoroughly.

2. Adhered water, grease and dust on substrate must be thoroughly clean.

3. Steel; surface blast cleaned to ISO-Sa2½, roughness 30µ and above.

4. Approved shop primer; sweep blasted or power tool cleaned to ISO SS St3.

5. The material's temperature during application and curing must between -5℃ and 40℃.

6. temperature must be at least 3°C above dew point during application and curing.

7. Relative humidity during application and curing should be higher than 50%.

EPDM3030041X V1.1

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