RAINBOZINC 41

PRODUCT NUMBER	30041
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℃ up to +400℃, under normal atmospheric exposure conditions. 3. High zinc content resulting in excellent corrosion protection. 4. Good impact and abrasion resistance.
GLOSS	Flat
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℃)
OPTIMUN FILM THICKNESS	Wet 115 μ（Micron） Dry 75 μ（Micron）
VOLUME SOLID	65±2 %
THEORETICAL COVERAGE	32.8 ㎡/Gal 8.67 ㎡/L @ 75μ
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℃）
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. 0～5% （by bush and roller） 0～10% （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℃above dew point during application and curing. 7. Relative humidity during application and curing should be higher than 50% .

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