RAINBOPRIME 803LT

PRODUCT NUMBER	30803
TYPE	Two component multi-purpose polyamide cured anticorrosive epoxy system.
CHARACTERISTICS	1. General purpose epoxy primer/coating in protective coating systems for steel and non ferrous metals. 2. Good adhesion to steel and galvanized steel. 3. Cures at temperatures down to 5℃. 4. Good water and corrosion resistance. 5. Good flow and wetting properties. 6. Good adhesion to non ferrous metals. 7. Suitable for touching up of weld seams and damages of epoxy coatings during construction. 8. Excellent recoatability.
GLOSS	Eggshell
COLORS	Various other colors.
VOC	Max. 319 g/L
PRODUCT WEIGHT	Above 1.3 kg/L
DRYING TIME	Set-to-touch 2 hrs Dry hard 6 hrs （25℃)
OPTIMUN FILM THICKNESS	Wet 139 ~ 278μ（Micron） Dry 100 ~ 200μ（Micron）
VOLUME SOLID	80 ％
THEORETICAL COVERAGE	27.3 ㎡/Gal
OVERCOATING TABLE	EPOXY system

Substrate temp.	-10 ℃	-5 ℃	0 ℃	5 ℃	15 ℃
Minimum interval	48 hours	28 hours	21 hours	12 hours	6 hours
Max interval (exposed to direct sunshine)	2 months	2 months	2 months	1 months	1 months
Max interval (not exposed to direct sunshine)	3 months	3 months	3 months	2 months	1 months

MIXING RATIO	Base：Hardener＝16：4（by volume）
POT LIFE	6 Hours（10℃）
THINNER	No.1005 Epoxy Thinner（SP-12）
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. 0～2% （by bush and roller） 0～3% （Airless）
RECOMMENDED TOPCOAT	Epoxy finish coat (An extra coat of Polyurethane can overcoat with epoxy finish coat)
SHELF LIFE	Minimum 2 years under normal storage condition
APPLICATION METHOD	Airless spray, Bush and Roller
NOTE	1. **For immersion exposure:** ● Steel or steel with not approved zinc silicate shop primer; blast cleaned (dry or wet) to ISO-Sa2½, blasting profile 30-75 µm. ● Coated steel; hydrojetted to VIS WJ2 L (blasting profile 30-75 µm). 2. **For atmospheric exposure conditions:** ● Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75 µm. 3. Substrate temperature should be above -10 ℃and at least 3℃above dew point during application and curing. 4. Maximum relative humidity during application and curing is 85%.

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