RAINBOW

RAINBOPRIME 808

Multipurpose Epoxy

PRODUCT NUMBER	RAINBOPRIME 808
TYPE	Two component multi-purpose polyamide cured anticorrosive epoxy system.
CHARACTERISTICS	1. General purpose epoxy primer in protective coating systems for steel metals. 2. Good adhesion to steel 3. Cures at temperatures down to 5℃. 4. Good water and corrosion resistance. 5. Good flow and wetting properties. 6. Excellent recoat ability. 7. Suitable for application to slightly damp condition
GLOSS	semigloss
COLORS	Brown&grey
VOC	Max. 280 g/L
PRODUCT WEIGHT	Above 1.4 kg/L
VISCOSITY	Above 110 KU (mixture, 25℃)
FLASH POINT	Above 23℃ (mixture)
DRYING TIME	Set-to-touch 2 hrs Dry hard 6 hrs （25℃)
OPTIMUN FILM THICKNESS	Wft 130 ~ 195μ（Micron） Dft 100 ~ 150μ（Micron）
VOLUME SOLID	75±2 ％
THEORETICAL COVERAGE	19.3~29.0 ㎡/Gal (Dft 100 ~ 150μ)
OVERCOATING TABLE	EPOXY system

Substrate temp.	5 ℃	10 ℃	20 ℃	30 ℃	40 ℃
Minimum interval	18hr	14hr	6hr	4hr	2.5hr
Max interval (exposed to direct sunshine)	3 mon	2.5mon	2mon	1mon	14day
Max interval (not exposed to direct sunshine)	6 mon	5 mon	3 mon	2 mon	21day

MIXING RATIO	Base：Hardener＝84：16（by volume）
POT LIFE	4 hours（25℃）
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. 3～10％ （by bush and roller） 5～15％ （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; High-pressure water jetting preparation to SSPC VIS WJ2L. 2. **For atmospheric exposure conditions:** • Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75 μm. 3. Substrate temperature should be above 5 ℃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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