



RAINBOW

RAINBOXY 855

Coal Tar Epoxy

PRODUCT NUMBER
TYPE
CHARACTERISTICS

RAINBOXY 855
Two component high build polyamine adduct cured coal-tar epoxy coating.
1. Outstanding (sea) water and crude oil resistance (outside hull and ballast tanks).
2. Good resistance to abrasion.
3. Good corrosion resistance.
4. Good resistance against chemically polluted water.
5. Resistant to well designed/controlled cathodic protection.

GLOSS
COLORS
VOC
PRODUCT WEIGHT
DRYING TIME
OPTIMUM FILM THICKNESS
VOLUME SOLID
THEORETICAL COVERAGE
OVERCOATING TABLE

Flat
Black, brown
Max. 366 g/L
Above 1.4 Kg/L
Set-to-touch 5 hrs Dry hard 24 hrs (25°C)
Wet 211 ~ 704µ (Micron) Dry 150 ~ 500µ (Micron)
71±2%
17.9 m²/Gal 4.73 m²/L @ 150µ

Substrate temp.	5 °C	10 °C	15 °C	20 °C	30 °C
Minimum interval	24 hrs	18 hrs	12 hrs	6 hrs	4 hr
Maximum interval (exposed to direct sunshine)	21 days	12 days	8 days	4 days	3 days
Maximum interval (not exposed to direct sunshine)	40 days	30 days	24 days	18 days	14 days

MIXING RATIO
POT LIFE
THINNER
THINNER RATE

Base : Hardener = 17.3 : 2.7 (by volume)
5 hrs (25°C)
No.1005 Epoxy Thinner (SP-12)
The mixing temperature for the base and hardener should be performed at above 15°C. 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 brush and roller) 0~10% (Airless)

RECOMMENDED SPEC.
SHELF LIFE
APPLICATION METHOD
NOTE

Please refer the painting specification
Minimum one year under normal storage condition
Airless spray, Bush and Roller
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 5°C and at least 3°C above dew point during application and curing.
4. Maximum relative humidity during application and curing is 85%.

EPDM3030855X V1.1

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