



RAINBOW

RAINBOXY 855

PRODUCT NUMBER 30855
TYPE Two component high build polyamine adduct cured coal-tar epoxy coating.
CHARACTERISTICS
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 Flat
COLORS Black, brown
VOC Max. 366 g/L
PRODUCT WEIGHT Above 1.4 Kg/L
DRYING TIME Set-to-touch 5 hrs Dry hard 24 hrs (25°C)
OPTIMUM FILM THICKNESS Wet 211 ~ 704µ (Micron) Dry 150 ~ 500µ (Micron)
VOLUME SOLID 71±2%
THEORETICAL COVERAGE 17.9 m²/Gal 4.73 m²/L @ 150µ

OVERCOATING TABLE

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 Base : Hardener = 17.3 : 2.7 (by volume)
POT LIFE 5 hrs (25°C)
THINNER No.1005 Epoxy Thinner (SP-12)
THINNER RATE 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 bush and roller) 0~10% (Airless)

RECOMMENDED SPEC. Please refer the painting specification
SHELF LIFE Minimum one year 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 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 V1.0

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