## RAINBOSHIELD 832

Abrasion Resistant Epoxy

PRODUCT NUMBER **RAINBOSHIELD 832** 

**TYPE** Two component reinforced high solids polyamine adduct cured epoxy coating.

**CHARACTERISTICS** 1. Coating for cargo tanks of bulk or oil carriers and store tanks.

2. Build coat for underwater and boottop systems.

Excellent abrasion and impact resistance.

4. Outstanding (sea)water resistance.

5. Compliant with USA, FDA Title 21, Part 175.300 for dry solid.

**GLOSS** Semi-Gloss

**COLORS** Grey, redbrown

VOC 144 g/L **DENSITY** 1.6 Kg/L

**DRYING TIME** Set-to-touch 2 hrs Dry hard 12 hrs  $(25^{\circ}C)$ 

OPTIMUN FILM THICKNESS Wet 149 ~ 238µm Dry 125 ~ 200µm

**VOLUME SOLID** 84±2%

THEORETICAL COVERAGE 15.9 m³/Gal 4.2 m<sup>2</sup>/L @ DFT: 200µm

**OVERCOATING TABLE EPOXY** system

Substrate temp.	5 ℃	10 ℃	20 ℃	30 ℃	40 ℃
Minimum interval	48 hours	32 hours	16 hours	12 hours	6 hours
Maximum interval	28 days	28 days	28 days	14 days	7 days

Base: Hardener=15.4:4.6 (by volume) **MIXING RATIO** 

1 hour (25°℃) POT LIFE

No.1005 Epoxy Thinner (SP-12) **THINNER** 

The mixing temperature for the base and hardener should be performed at above 15℃. Or else THINNER RATE

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.

 $0 \sim 5\%$  (by bush and roller)  $0 \sim 10\%$  (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. 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, or water-jet to VIS WJ 2/3
- 4. Approved shop primer; sweep blasted or power tool cleaned to ISO SS St3 ·
- 5. Substrate temperature should be  $3^{\circ}\mathbb{C}$  above dew point, rainy day and relative humidity during application and curing should be below 85%, or job is to be stopped.
- 6. Whilst application in the confine space, adequate ventilation must be maintenance.

EPDM3030832X V1.2

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