



RAINBOW

RAINBOXY 853

Recoatable Epoxy Finish

PRODUCT NUMBER
TYPE
CHARACTERISTICS

RAINBOXY 853

Two component high build polyamine cured recoatable pure epoxy coating.

1. General purpose epoxy build or finish in protective coating systems for steel and concrete structures exposed to atmospheric land or marine conditions
2. A high relative humidity max. 95%, during application and curing does not influence the quality of the coating.
3. Can be recoated with various two component and conventional coatings even after long weathering periods.
4. Resistance to water and splash of mild chemicals.
5. Tough with excellent durability.

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

Semigloss

White and various other colors

Max. 344 g/L

Above 1.3 Kg/L

Set-to-touch 2 hours Dry hard 6 hours (25°C)

Wet 112 ~ 224µ (Micron) Dry 75 ~ 150µ (Micron)

67±2%

33.8 m²/Gal 8.93 m²/L @ 75µ

EPOXY system:

Substrate temp.	10 °C	20 °C	30 °C	40 °C
Minimum interval	20 hours	9 hours	5 hours	3 hours
Maximum interval	6 months	3 months	1 month	1 month

MIXING RATIO
POT LIFE
THINNER
THINNER RATE

Base : Hardener = 16.4 : 3.6 (by volume)

1.5 hrs (25°C)

No.1005 Epoxy Thinner (SP-12)

The mixing temp. 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.
SHELF LIFE
APPLICATION METHOD
NOTE

Please refer the painting specification

Minimum one year under normal storage condition

Airless spray, Bush and Roller

1. Previous coat; dry and free from any contamination.
2. Substrate temperature should be above -5°C during application and curing and at least 3°C above dew point and free from ice and any contamination.
3. During application and curing a substrate temperature down to -5°C is possible but curing to hardness takes longer and complete resistance will be reached when temperature increasing.

EPDM3030853X V1.2

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