



RAINBOW

RAINBOTHANE 751

Aliphatic Polyurethane Finish

PRODUCT NUMBER
TYPE
CHARACTERISTICS

RAINBOTHANE 751
Two component aliphatic acrylic polyurethane finish.
1. Unlimited recoatable.
2. Excellent resistance to atmospheric exposure conditions.
3. Excellent colour and gloss retention.
4. Non-chalking, non-yellowing.
5. Cures at temperatures down to -5°C.

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

Gloss
White and various other colours
Above 70 KU (mixture, 25°C)
Above 23°C (mixture)
Max. 400 g/L
Above 1.3 kg/L
Set-to-touch 1 hr. Dry hard 8 hrs. (25°C)
Wet 100 ~ 120µ (Micron) Dry 50 ~ 60µ (Micron)
Above 50%
36 ml/Gal 9.7 ml/L @ 60µ

Substrate temp.	-5 °C	0 °C	10 °C	20 °C	30 °C	40 °C
Min.	24 hrs	16 hrs	8 hrs	6 hrs	5 hrs	3hrs
Max.	unlimited					

MIXING RATIO
POT LIFE
THINNER
THINNER RATE

Base : Hardener = 17 : 3 (by volume)
2 hrs (20°C)
No.736 PU Thinner
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 0~2% (by brush) 3~10% (Airless) .

RECOMMENDED SPEC.
SHELF LIFE
APPLICATION METHOD
NOTE

Please refer the painting specification
Minimum one year under normal storage condition
Airless spray, Brush
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°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.

EPDM3030751X V1.3

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