SEA HORSE SERVICES SDN.BHD

Aqua PU
Polyurethane - Topcoat

PRODUCT DESCRIPTION

Aqua PU is a two pack acrylic polyurethane finish which is applied over a primer that gives long terms recoat ability , excellent durability and UV resistance with superior cosmetic(Glossy)finish.

PRODUCT APPLICATION

Aqua PU suitable for use in both new construction and as a maintenance finish which can be used in a wide variety of environments including offshore structures, chemical and petrochemical plants, bridges, pulp and paper mills, and in the power industry.

PRODUCT INFORMATION

Color	Available in all RAL,BS colors
Packing	5 Liter pack
Mixing Ratio	5 : 1 Part A & B by volume
Volume Solids	53% ± 3% (ASTM 2697-86)
Working Pot Life	3 hours 30°C (at higher temperatures pot-life decreases)
Coating Layer	1 -2
Touch Dry	4 - 6 hrs at 30°C
Hard Dry	2-3 days
Recommended DFT	50 - 75μm(90 - 136μm) on wet condition
Theoretical Coverage	11 m²/litre at 50 microns DFT, allow appropriate loss factors
Full Cure	Can be over coated when ever touch dry
Over Coating	4 - 6 hrs at 30°C
Shelf Life	At least 8 month when stored in sealed containers

APPLICATION DATA

Coating Thickness	50 ~ 75 μm(DFT)
Primer Required	Aqua Sealer (or) Aqua ST around 200 ~ 300 μm
Over Coating Interval	Can be over-coated when touch dry
Method of application	✓ Airless Spray, Brush, Conventional Spray, Roller ✓ Airless spray : Tip size -0.017 inch or larger ✓ For Conventional spray a moisture and oil trap in the air supply line, mechanical agitator are recommended
Thinning ratio	3 - 10% (Xylene) when required
Cleaner	Xylene / Toluene / Ethyl acetate

ENVIRONMENTAL CONDITIONS

✓ Air Temperature 5 ~ 35°C
✓ Substrate Temperature 5 ~ 35°C
✓ Relative Humidity :- up to 85%

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APPLICATION – TNB(PORT DICKSON)

Before

Repaired with– Aqua Filler

Surface Preparation

During primer application

Stripe coat application-PU

After application-Aqua PU

APPLICATION – POOL AREA

Before

During primer application

After application-Aqua PU