**TECHNICAL DATA SHEET**

**RADIANT PARAFFINATED POLYESTER**

## Description

Polyester is a three component system characterized with very high wood filling and hardness. Paraffine polyester with its unique feature of rapid drying, good brightness and flexibility makesthis product one of the best in the market. Polyester is used to maintain more thickness of coating on wood and marble.

## Product

**WRACZ000K20I, WRACZ001L52I,WRACZ000K25I**

## Substrates for which the product is suitable

- Hard wood,Chipboard
- Marble
- Veneer
- Honeycomb panels

## Chemical-physical Properties

| | | | |
|---|---|---|---|
| In Can Appearance | :Free Flowing Slightly Bluish in color | | |
| In Can Viscosity (ASTM D1200 Ford No 4) | | :30 ± 3 secs @30°C Ford cup B4 | |
| Solid content (theoretical) 1st + 2nd component (%)<br>(The theoretical solid content considers also the reactive volatile part. The real value depends upon application conditions and canbe determined with practical tests on the plant in use) | | :50 ± 3 | |
| Density Kg/Lt | :1.06 ± 0.03 gm./ml | | |
| Shelf Life | :6 Months (from date of mfg.) | | |
| | | | |

## USAGE INDICATIONS

## Complementary Products

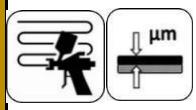
| | | | |
|---|---|---|---|
| Catalyst | | In weight w/w % | 2 |
| | | In volume v/v % | 1.9 |
| | **Solid Content** | **62± 2** | |
| Accelerator | | In weight w/w % | 2 |
| | | In volume v/v % | 2.3 |
| | **Solid Content** | | |

## READY TO USE PRODUCT PROPERTIES

| Pot-Life - mixture (maximum pot-life ofthe product prepared according tousage indications) | Temperature ° C | Mixing ratio in volume (Base : Accelerator : catalyst) | Pot Life in min |
|---|---|---|---|
| | 20° | 97:01:02 | 14 - 15 min |
| | | 96:2:2 | 6 min |
| | 30° | 97:1:2 | 11 min |
| | | 96:2:2 | 3 - 4 Min |
| | | | |
| | 40° | 97:1:2 | 7 - 8 min |
| | | 96:2:2 | 2 - 3 min |
| Pot-Life - accelerated part (maximum pot-lifeof the Pot- Life - accelerated part (maximum pot-life of the product prepared according tousage indications) | | 24 H | |
| Pot-Life - catalyzed part (maximum pot-life of the product prepared according to usage indications) | | 4 H | |

## Surface Preparation & Application

- Make Sure Proper Sanding of the Panel is done with #320-400 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping Towels.




- Apply 1 Coat of Epoxy Isolator(Drying Time-30-45 Min)

Apply Paraffinated Polyester (Give a F/O of 8-10 Min for every 50-100 gm on 1ft*1ft Panel) in Multiple times as per required DFT.

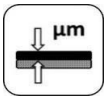
## Spray Gun Set Up

- Gravity Feed (Orifice) – 1.8 – 2.5 mm
- Air Pressure – 30-40 psi (2 – 2.75 Bar) at spray gun inlet.

## PRODUCT PROPERTIES AFTER APPLICATION

| | |
|---|---|
| Room temperature drying (25-30°C/ 77°-86 F) | 8-10 hr |
| Touch dry | 90 min-120 min |
| Hard dry | 10 hrs |
| Sandable after (time) | O/N |
| Overcoatability time between layers | Gel time |
| Maximum time between layers without sanding | 15-20 Min |

## Coverage




Theoretical Coverage – gr/m² min-max(100-200). per litre at 30C.
The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, application pressure, application method and application
Circumstances.

## Product Performance Properties

- Gloss - Glossy Finish
- Orange Peel – No orange Peel
- Cross Hatch adhesion – 2 mm (100*100mm)
- PU Thinner Rub test – 20 times -Pass
- Finish-smooth
- Humidity Resistance – 240 C x RH 90% x 500hrs.
- Water resistance - 40°C/500 Hrs
- Alkali TEST (5% Nacl solution)– Pass
- Acid Test (5%H2SO4)- Pass
- PU Thinner Rub test – 20 times-Pass

**Note – Product Shelf Life is 6 Months after production