



**DRYLEX**  
New Generation Solutions

## PCU 1000 T

TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

Drylex pcu 1000 T is aliphatic polyurethane based one component high build waterproofing material. Satin finish coating, specially formulated to provide outstanding durability and unsurpassed chemical resistance in a variety of interior and exterior commercial and industrial environments. Its special formulation provides excellent water proofing and resistance to abrasion, industrial chemical cleaners, and impact abuse.

### PRODUCT FEATURES

- UV Resistance
- Excellent waterproofing
- Excellent durability
- Flexible
- Impact resistant

### USES

- Podium decks, Roof gardens, Green roofs, Balconies
- Swimming Pools, Water Tanks
- Car Parking Areas, External Building Walls/ Facades, etc.

### SURFACE PREPARATION

**General:** All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, mil scale, form release agents, curing compounds, loose and flaking paint, rust, efflorescence and any other surface contaminants.

#### New Surfaces

- Concrete & Masonry – All new masonry surfaces must be allowed to dry/cure a minimum of 28 days before painting or have to be use DRYLEX DURAWET PRIME after 14 days of pouring concrete.
- Galvanized & Non-Ferrous Metals – Solvent clean the surface in accordance with SSPC-SP1 Solvent Cleaning specifications for metal surfaces. If any oxidation (white rust) has formed, remove as per SSPC-SP2 Hand Tool Cleaning, SSPC-SP3 Power Tool Cleaning specifications for metal surfaces.

#### Previously Painted Surfaces

- Remove any loose scale, chalked, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as electric sanders, grinders, etc.
- Previously painted surfaces that are in poor condition should be completely stripped to reveal a more compatible surface for paint application. Sand smooth all rough paint edges to the adjacent surface area, and sand all glossy surfaces to effectively dull existing sheen levels.

### PRIMING

Drylex Primer Universal has to be use for all kind of dry surfaces after surface preparatio





**PRODUCT USE**

By Brush	Stripe coat Thick layers	YES /
Time of between coats		8-10 hours(at 20 C)
Thickness		380 micron for 400 gr/m <sup>2</sup>
Standard packaging		5 kg and 20 kg
Pot life at 23°C		35 minutes
Shelf life max 25°C dry		24 months

**APPLICATION PARAMETERS**

Temperature before mixing		18°C - 35°C
Application temperature of mixture		
Surface temperature*	Minimum Maximum	Dew point + 3°C Maximum 50°C
Spray nozzle	Opening Angle	0,019'' - 0,023'' 40°-60°
Consumption		0.4 - 0.8 kg/m <sup>2</sup>
Density		1.25 kg/l

**PRODUCT APPLICATION – General**

- For best results, it is recommended to apply two (2) finish coats.
- To assure color uniformity always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color.
- Always paint to a natural break in the surface, such as a corner or edge.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a “W” or crisscross motion, avoiding any excessive respreading or reworking.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.013 – 0.015 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, and an even coat application.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- Avoid exterior paint application when weather conditions are threatening, and late in

**PACKAGING & WEIGHT PER GALLON**

- **Packaging:**                      Quarts – N/A                      Gallons – 4/case  
   2 Gallons – N/A                      5 Gallons – N/A
- **Weight per Gallon:**    8.83 lbs.