

Liquid Rubber PU-100 general-purpose, single-component protective coating that forms a strong and flexible protective membrane by combining specific polyurethane and acrylic polymers. This easy to apply, ultra-low VOC coating can be used to protect roofs, foundations, decks, walkways, interior/exterior walls and much more. Given the cured membrane's superior strength, waterproof properties and high adhesion to most substrates, Liquid Rubber's PU-100 is an ideal solution for both indoor and outdoor environments.

Liquid Rubber PU-100 Performance Features

- Superior Strength
- Ultra-Low VOCs
- Outstanding Chemical Resistance
- Seamless Waterproof Membrane
- Resists Cracking & Chipping
- Excellent Hardness
- UV Resistant
- Easy to Clean & Scrub

Application & Equipment

Liquid Rubber PU-100 can be applied using a brush, roller or single component sprayer to provide a seamless and fully adhered membrane to most substrates.

This high tensile coating is designed for protecting multiple surfaces including wood, concrete and metal and should be applied in 2-3 coats at 30-40 ft²/gal for non-ponding environments.

Drying Time

At 25°C and 50% relative humidity, Liquid Rubber PU-100 should be dry to the touch after 6 hours and fully cured in 48 hours at 30 mils (0.75mm). As a water-based coating, curing time increases in colder temperatures or higher humidity so environmental conditions must be considered before application.

Suitable Applications include but are not limited to:

- Roofs & Foundations
- Concrete or Wood Decks & Walkways
- Non-corroded Metal Structures
- Fences, Baseboards and Walls
- Pool Decks
- Indoor/Outdoor Floors

Physical Properties

Color (Liquid)	Assorted Colors	Water Absorption (EN 1062)	0.003 kg/m ² hr ^{0.5}
Hardness Dur 00	75	Adhesion to Wood (ASTM C-794)	Substrate Failure
Tensile Strength	980 psi	Adhesion to Concrete (ASTM C-794)	Substrate Failure
Elongation	400%	Adhesion to Steel (ASTM C-794)	Cohesive Failure

Limitations & Warranty

- Do not apply to dirty or contaminated surfaces
- Do not apply below 10°C
- Do not freeze

Packaging

- 205 L plastic drum (55 Gal)
- 18.9 L pail (5-Gal)
- 3.78 L can (1 Gal)

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