

TECHNICAL DATA SHEET

RAYCOAT PU WATERPROOFING is a cold applied, single component, PU Hybrid Membrane which offers great stability and durability. It is flexible, tough, and fast-curing, capable of drying in 6-8 hours depending on the number of coats and temperatures. Raycoat PU Waterproofing can bridge and seal hairline cracks. Its properties make it an excellent choice for achieving perfect waterproofing on a wide range of substrates of surfaces and substrates.

PRODUCT FEATURES

- Flexible, durable, and UV resistant
- Can bridge hairline cracks
- Maintains flexibility in a wide range of temperatures
- Excellent waterproofing qualities
- Excellent adhesion to most substrates
- Seamless, no joints
- No reinforcement required
- Pre-packed, easy to apply
- Able to withstand light foot traffic
- Algae and fungus resistant

PRODUCT DATA

Color	: Gray, White. We can produce a wide range of colors, but a minimum quantity is required.
Coverage	: 50-60 m ² per coating. Coverage may vary depending on substrate condition
Curing Time	: 4 – 8 hours
Packaging	: 4L pail, 20L pail
Storage	: Store in a cool, dry place, away from direct sunlight.
Shelf Life	: 12 months from manufacturing date



AREAS OF APPLICATION

- Waterproofing for facades, terraces, balconies
- Waterproofing for concrete roof decks and GI roofing (primer is not needed for GI roofing)
- For indoor and outdoor use

SURFACE PREPARATION

Allow the substrate to cure for a minimum of 28 days. The substrates must be dry, clean and sound, free of dust and other loose particles. Cement laitance, oil, grease, mold release oil must be removed from concrete surfaces by wire brushing, scabbling or other means. Thoroughly wash off all residues with clean water and allow the surface to dry for at least 24 hours.

APPLICATION

- All substrates must be cleaned and sound prior to waterproofing.
- The substrate must be visibly dry.
- Apply Raycoat Acryprime to concrete substrate. Primer is not needed for GI roofs.
- Apply Raycoat PU Waterproofing onto the substrate using a roller, brush, or spray.
- Allow 2-4 hours in between each coat depending on thickness and atmospheric conditions.
- 2-3 coats of Raycoat PU Waterproofing is recommended for concrete firewalls and GI roofing. 4-6 coats are recommended for concrete roof decks especially for foot trafficable roof decks

PRODUCT PREPARATION

- Stir the product well before using.
- No dilution/mixing with water is required when using Raycoat PU Waterproofing

PRECAUTIONARY MEASURES

- Temperature range for use is 10°C to 45°C.
- No water ponding on the surface prior to application. Do not use on negative hydrostatic pressure.

WARRANTY

Due to different methods of applications, and the various properties of surfaces, we cannot assume responsibility or liability with regards to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case, shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case is valid.

