

FEATURES

Hato Roofseal PU Hybrid is made from a special blend of hybrid polyurethane and acrylic binder. It's a ready-to-use, water-based paint that is environmentally friendly. Once the paint film completely dry, it acts as a highly flexible waterproof membrane, effectively filling cracks in concrete surfaces caused by temperature changes and vibration. It provides excellent adhesion, the paint film is 100% waterproof, and is durable against sunlight and weather conditions.

TECHNICAL INFORMATION

Color	White, Gray, Dark gray and Green
Film appearance	Semi-Gloss
Specific gravity	1.156 – 1.258
Viscosity @25°C	115 – 120 KU
pH @25°C	8.5 – 9.5
Solid by weight (%)	60 – 63 %
VOCs	< 1.0 g/L
Elongation (ASTM D412)	> 600 %
Tensile Strength (ASTM D412)	> 3 Mpa
Dry film thickness	350 - 400
Theoretical coverage	1.0 - 1.15 m ²
Touch dry (25-30°C)	30 min
Recoat dry (25-30°C)	2 hrs

REFERENCE STANDARD

: TIS 2321-2564

APPLICATION

Application method	- Stir well before use, especially tinted. - Mix Hato Roofseal PU Hybrid with clean water in the ratio of 3:1 and apply as the primary coat, leave it to dry for 2 - 4 hours approximately. - Apply a first coat of Hato Roofseal PU Hybrid (no adding water) then leave it dry for 2-4 hours approximately. - Apply a second coat (no adding water) then leave it dry for 24 hours approximately. - The cracks must be sealed before the primary coat. Reinforce with Fiber mesh while wet before coating with Hato Roofseal PU Hybrid 2 - 3 coats.
Recommendation	- Hato Roofseal PU Hybrid should not be applied to new concrete less than 28 days old and other cementitious surfaces less than 7 days old. - Do not use Hato Roofseal PU Hybrid while raining. - Hato Roofseal PU Hybrid uses for waterproofing for all horizontal (roof deck) or vertical masonry surfaces not suitable for long term water ponding.

Condition during application	- Hato Roofseal PU Hybrid gets fully resistance properties after 7 days - Wash all tools immediately after use with water. Use respiratory mask with charcoal and dust filter, gloves, eye wear. No smoking while apply.
APPLICATION SYSTEM Surface Preparation	- The surface must be clean from dust, cement laitance and oil grease. - In case of mold and algae. then leave it dry before coating with Hato Roofseal PU Hybrid. - Deformed paint or coating must be thoroughly cleaned before application. - Fill all cracks wide then leave it dry before coating with Hato Roofseal PU Hybrid. - Repair big cracks on surfaces with Self - Levelling Cement - Polish the rust on metal surfaces prior to coating.
HANDLING AND STORAGE	Keep the containers in a dry, cool, well ventilated space and away from heat. Keep away from source of heat and ignition. Containers must be kept tightly closed.
HEALTH AND SAFETY	Use under well ventilated conditions. Avoid skin contact.