

Hybrid Urethane

Single-Component Water-Based Polyurethane Coating

A single-component, water-based, self-crosslinking acrylic-enhanced polyurethane coating with excellent water resistance, fast drying and anti-slip durability.

Hybrid Urethane is a single-component, self-crosslinking acrylic-copolymer-enhanced polyurethane coating with excellent water resistance, fast drying, outstanding durability and good adhesion to mineral substrates. It offers a good balance of durability and anti-slip resistance with good wet hiding and long-lasting finishes.

Ready to Use:

Supplied in ready-to-use single-component packaging for ease of application.

Self-Crosslinking:

The self-crosslinking property dries to form a surface coating providing good stain resistance and an easy-to-clean finish.

Low Dirt Pickup:

Low dirt pickup and dustproofing of concrete for a cleaner, longer-lasting surface.

Fast Drying:

Fast drying with well-balanced hardness and durability.

Anti-Slip & Water Repellence:

Provides good abrasion resistance, anti-slip performance and a water-repellent coating.

Non-Yellowing:

Suitable for interior or exterior application with non-yellowing resistance.

FIELDS OF APPLICATION

- ▶ APCC (acrylic polymer cementitious coating)
- ▶ Grey concrete
- ▶ Stone and limestone
- ▶ Pavers and playgrounds
- ▶ Basketball courts

System Design

	Top Coat Hybrid Urethane × 2
	Primer
	Substrate

Technical Profile*

COLOUR	Various colours
FINISH	Semi-gloss
SOLIDS	
may vary by colour, @ 25°C	53 ± 2%
DENSITY	
@ 25°C	1.36 ± 0.02 g/cm ³
DRYING TIME	
overcoating @ 25°C	1 – 3 hours
LIGHT TRAFFIC	
recommended, @ 25°C	4 – 6 hours
DRY FILM THICKNESS	
per coat (WFT)	130 – 150 microns
POT LIFE	< 4 hours
SHELF LIFE	
unopened	6 months, up to 1 year

* Typical properties of unmixed material at 25°C. Values may vary with site conditions, substrate and application method.

Available in various colours, semi-gloss finish

Applied colours may differ from samples shown on screen or in print. Contact Sparco Paints for the full colour chart and physical samples.



SPARCO PAINTS (S) PTE LTD

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Model Specification

System	Hybrid Urethane
Type	Single-component water-based polyurethane
Build-up	Minimum 2 coats Hybrid Urethane
Manufacturer	Sparco Paints

Preparatory work and application in accordance with manufacturer's instructions.

Surface Preparation

The surface must be dry and clean, free of poorly adhered old paint, loose particles, dust, grease, oil, wax, algae and fungus. Already-painted or old surfaces in good condition should be washed or brushed to remove paint residue, with defective areas sanded. Defective and cracked surfaces should be filled and levelled with a suitable putty-line product. Allow to dry, level the surface with sandpaper and remove dust with a damp cloth.

Packaging

Product	Pack Size
Hybrid Urethane — Single Component	24 kg plastic pail

Warranty

LIMITED WARRANTY: Sparco Paints (S) Pte Ltd warrants that, at the time and place of shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. As Sparco Paints (S) Pte Ltd has no control over the use to which others may put its products, it is recommended that products be tested to determine suitability for specific applications. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for its specific application and assume all responsibility in connection therewith.

Application Guidelines

Parameter	Value
Number of components	Single component
Overcoat drying @ 25°C	1 – 3 hours
Light traffic @ 25°C	4 – 6 hours
Wet film thickness per coat	130 – 150 microns
Pot life	< 4 hours
Coats	Minimum 2 coats

IMPORTANT

Ambient and surface temperatures should not be less than 5°C and must be above the dew point. Apply a minimum of 2 coats, allowing the stripe coat to cure sufficiently before overcoating, and leave the system to cure at 25°C.

Product Preparation

Ensure the ambient and surface temperatures are not less than 5°C and are above the dew point.

Pour the material into a paint kettle or tray. Using a 50 mm (2") synthetic brush, stripe coat all edges, joints, corners and equipment liberally, then apply Hybrid Urethane to all surfaces at approximately 130 microns wet film thickness.

Cleaning

Clean tools and equipment with water immediately after use, before the product dries.

Storage

Shelf life 6 months, up to 1 year unopened. Must be stored in a cool, dry area, protected from heat and high humidity.

Health & Safety

Hybrid Urethane is physiologically harmless once cured. Standard safety precautions are advised when handling — refer to the Safety Data Sheet (SDS) for full details.

Technical Assistance

Please contact Sparco Paints (S) Pte Ltd for technical assistance, specification support and application advice.