

Document	RY-TDS-705
Revision	Rev. 1.0
Issue date	July 2026
Status	Issued

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1. PRODUCT DESCRIPTION

Rayson UraForce HY15 is a single-component, water-based hybrid urethane — a self-crosslinking acrylic-copolymer-enhanced polyurethane — that roller-coats concrete and mineral surfaces with a fast-drying, stain-resistant, anti-slip finish.

UraForce HY15 packs urethane performance into a one-can product. The self-crosslinking acrylic-copolymer-enhanced polyurethane needs no hardener or mix ratio — open, stir and roll — which removes the most common site errors and suits maintenance teams as well as applicators.

2. RECOMMENDED USES

- Coloured coating over acrylic polymer cementitious coatings (APCC)
- Grey concrete walkways and commercial floors
- Hard surfaces such as stone and limestone
- Pavers, playgrounds and basketball courts

4. KEY PROPERTIES

- Single component — no mixing errors, minimal wastage
- Fast-drying: overcoat in 1–3 hours, light traffic in 4–6 hours at 25 °C
- Stain-resistant, easy-to-clean, anti-slip finish
- Non-yellowing, interior or exterior use
- abrasion resistance
- anti slip
- fast return to service
- uv stability

3. SUITABLE SUBSTRATES

- Mineral substrates and grey concrete
- Stone and limestone
- Pavers
- Acrylic polymer cementitious coatings

5. SYSTEM ROLE

finish.



Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

Surface preparation	[object Object]
Mixing / dilution	[object Object]
Application method	Brush, Roller
Coverage	Available from the Rayson technical team on request.
Application conditions	[object Object]
Drying & curing	[object Object]
Recoat interval	[object Object]
Film / thickness	[object Object]
Pack sizes	[object Object]

Storage	[object Object]
Shelf life	[object Object]

7. APPLICATION WORKFLOW



Figure 2 — Application workflow. Each stage is a hold point: confirm the previous stage is complete and within specification before proceeding.

8. RECOMMENDED SYSTEM

Fast-return walkway finish

- 1. Prepare, clean and make good the surface
- 2. Apply minimum 2 coats of Rayson UraForce HY15, overcoating within the recoat window

Anti-slip external ramp

- 1. Prime and texture with Rayson GripSafe AP12 anti-slip primer filler
- 2. Finish with Rayson UraForce HY15 in the selected colour

9. LIMITATIONS

- Ambient and surface temperatures must be at least 5 °C above the dew point
- Recommended wet film thickness approximately 130–150 microns per coat
- A thin-film finish, not a levelling or heavy-duty build product
- Shelf life shorter than two-pack products — rotate stock

10. HEALTH & SAFETY

[object Object]

DISCLAIMER

The information in this data sheet is given in good faith and reflects typical values and general good practice. Because site conditions and workmanship are beyond our control, Rayson gives no warranty implied from this document; users should verify suitability for their specific application and confirm they are working from the current issue. For project-specific advice, contact the Rayson technical team.

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Product page:
<https://rayson.sparcoasia.com/products/uraforce-hy15/>