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1. PRODUCT DESCRIPTION

Rayson UraForce WB58 is a two-component, water-based aliphatic polyurethane dispersion topcoat, crosslinked with a PUR hardener, for abrasion-resistant coloured finishes on concrete, metal and mineral surfaces.

UraForce WB58 brings aliphatic polyurethane performance to water-based application. The pigmented polyurethane dispersion crosslinks with its PUR hardener into a film with excellent abrasion resistance, low dirt pick-up, good water repellence and pencil hardness above H — a working finish that dustproofs and protects the substrate.

2. RECOMMENDED USES

- UV-resistant coloured coatings for concrete
- Topcoat finishes on hard surfaces such as stone and limestone
- Hygienic coatings for walls and floors
- Non-yellowing, high-abrasion-resistance finishes in commercial interiors

4. KEY PROPERTIES

- Water-based aliphatic PU — UV-resistant, non-yellowing coloured finish
- Excellent abrasion resistance and low dirt pick-up
- Good water repellence with pencil hardness above H
- Hygienic, washable finish for walls and floors
- uv stability
- abrasion resistance
- hygiene

3. SUITABLE SUBSTRATES

- Mechanically prepared concrete (minimum 28 days old, moisture content below 5%)
- Metal (prepared)
- Stone and limestone
- Walls and floors

5. SYSTEM ROLE

finish.

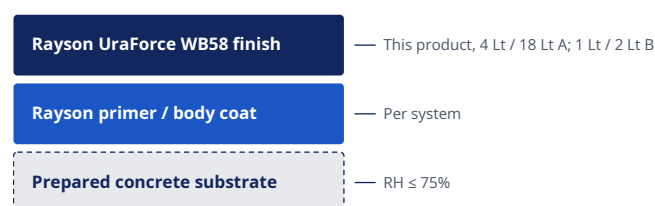


Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

Surface preparation	[object Object]
Mixing / dilution	[object Object]
Application method	Short-bristled 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

Coloured low-odour floor finish

- 1. Prime or seal with Rayson HydroShield WE40 (system pairing to be confirmed by the Rayson technical team)
- 2. Apply minimum 2 coats of Rayson UraForce WB58, stripe-coating edges by brush

9. LIMITATIONS

- Minimum substrate temperature 5 °C; minimum mixing temperature 10 °C; minimum curing temperature 5 °C
- Mixed material must be used within its 1–2 hour pot life; cures faster in hot weather and in large batches
- Hardener shelf life is shorter than the base and moisture-sensitive — store sealed and dry
- Thin-film topcoat — requires a sound, sealed substrate or system beneath

10. HEALTH & SAFETY

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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-wb58/>