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1. PRODUCT DESCRIPTION

Rayson PrimeBond W10 is a one-component, water-based acrylic primer, sealer and bonding agent for smooth concrete and mineral substrates, applied ahead of Rayson UraForce water-based topcoats.

PrimeBond W10 is the low-odour entry point to Rayson floor systems. Supplied ready to use in a single pack, it needs no weighing or ratio mixing — stir for two minutes and apply by brush or roller. It seals smooth concrete and mineral substrates and provides the bond for Rayson water-based urethane topcoats.

2. RECOMMENDED USES

- Priming and bonding on smooth concrete and mineral substrates
- Base coat for Rayson UraForce WB52 water-based urethane systems
- Receiving broadcast aggregate for anti-slip system build-ups

4. KEY PROPERTIES

- Low VOC and low odour — suited to occupied buildings
- Single component, ready to use — no mix-ratio errors on site
- Fast surface dry keeps overnight programmes moving
- Accepts broadcast aggregate for anti-slip systems
- low odour

3. SUITABLE SUBSTRATES

- Smooth concrete (minimum 28 days old, moisture content below 5%)
- Mineral substrates, mechanically prepared and vacuumed

5. SYSTEM ROLE

primer.

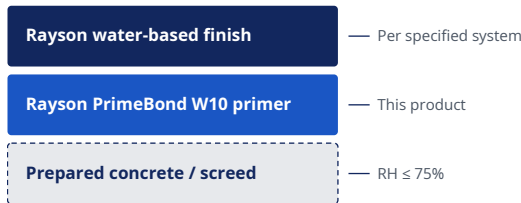


Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

Surface preparation	[object Object]
Mixing / dilution	[object Object]
Application method	Short-bristled brush, Roller
Coverage	[object Object]
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

Low-odour floor system for occupied buildings

- 1. Prime with Rayson PrimeBond W10
- 2. Apply minimum 2 coats of Rayson UraForce WB52 water-based urethane topcoat

Anti-slip walkway system

- 1. Prime with Rayson PrimeBond W10 and broadcast fine aggregate into the wet film
- 2. Sweep off excess after drying and seal with Rayson UraForce WB52

9. LIMITATIONS

- Minimum substrate temperature 5 °C; minimum mixing temperature 10 °C; minimum curing temperature 5 °C
- New concrete must be at least 28 days old with moisture content below 5%
- Performance data supported by laboratory testing
- Not a wearing surface — must be overcoated with a compatible topcoat

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/primebond-w10/>