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1. PRODUCT DESCRIPTION

Rayson PrimeBond S30 is a two-part, low-viscosity, solvent-based epoxy primer that penetrates and seals prepared concrete, pavements and mineral substrates before coating.

PrimeBond S30 uses a low-viscosity, solvent-based epoxy formulation to soak into prepared concrete and bind the surface before the floor system goes down. The two parts mix 1:1 and react to form a long-lasting sealing coat with excellent adhesion — pull-off testing on prepared concrete produces failure in the concrete, not the primer.

2. RECOMMENDED USES

- Priming prepared concrete on car park decks and ramps
- Priming pavements, walkways, loading bays and industrial floors
- Sealing existing concrete before recoating
- Priming mineral and highly absorbent substrates

4. KEY PROPERTIES

- Low viscosity for deep penetration into dense and porous concrete
- Excellent adhesion — bond strength exceeds concrete cohesion on prepared substrates
- Excellent impact and chemical resistance in the cured film
- Simple 1:1 mixing ratio
- chemical resistance

3. SUITABLE SUBSTRATES

- Prepared new and existing concrete (minimum 28 days old, moisture content below 5%)
- Mineral substrates, including highly absorbent surfaces
- Asphalt (confirm suitability with the technical team)

5. SYSTEM ROLE

primer.

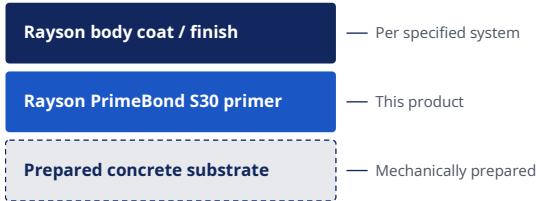


Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

Surface preparation	[object Object]
Mixing / dilution	[object Object]
Application method	Roller, Brush, Airless spray
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

Exterior PU deck system

- 1. Prime prepared concrete with 2 coats of Rayson PrimeBond S30
- 2. Finish with 2 coats of Rayson UraForce SB72 UV-stable polyurethane

Dense concrete sealing

- 1. Apply first coat of Rayson PrimeBond S30 and allow to penetrate
- 2. Apply second coat to achieve a uniform sealed surface before the specified finish

9. LIMITATIONS

- Minimum substrate temperature 5 °C; curing between +10 °C and +35 °C; concrete moisture content maximum 5%
- Mixed material must be used within its pot life; cures faster in hot weather and in large batches
- Solvent-based — provide adequate ventilation; not recommended for occupied areas without ventilation control
- Not a wearing surface — must be overcoated

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-s30/>