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1. PRODUCT DESCRIPTION

Rayson SealForce RC30 is a two-component, roller-applied polyurea-based liquid waterproofing membrane — highly elastic and hydrophobic, bonding strongly to concrete, tile, metal and asphalt for wet areas, roofs and car parks.

SealForce RC30 is Rayson's general-purpose liquid waterproofing membrane: a two-component polyurea-based system, roller-applied, that cures to a tough, highly elastic and hydrophobic film keyed hard to almost any prepared surface. It is designed to be tiled over, built into deck systems or left as the working membrane.

2. RECOMMENDED USES

- Waterproofing beneath tiling and in bathrooms and wet areas
- Roof waterproofing
- Primary waterproofing membrane in car-park deck systems
- Bridge and tunnel deck waterproofing
- Light metal and fibre-cement roofs
- Over asphaltic membranes

4. KEY PROPERTIES

- Highly elastic (>500% elongation), hydrophobic membrane
- Strong adhesion to concrete (>2.5 N/mm²) and many other surfaces
- Does not soften in heat — serves to 90 °C, tolerates shock to 200 °C
- Stays flexible in the cold to -40 °C
- Locally repairable in a short time
- waterproofing
- chemical resistance
- thermal shock

3. SUITABLE SUBSTRATES

- Sound concrete of at least 25 N/mm² compressive strength and 1.5 N/mm² pull-off
- Tiled substrates (as a concealed membrane)
- Metal and fibre-cement roofs (with the appropriate primer)
- Asphaltic membranes
- Primed for the surface type before application

5. SYSTEM ROLE

standalone.

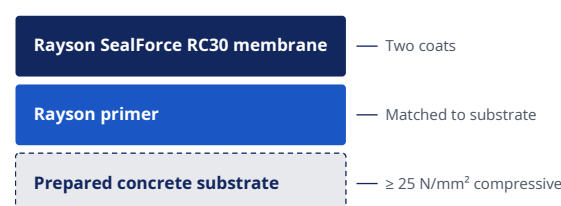


Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

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

Wet-area / under-tile waterproofing

- 1. Prepare the substrate and prime for its absorbency
- 2. Apply the first coat of SealForce RC30
- 3. Apply the second coat once the recoat window opens
- 4. Tile or overlay once fully cured

Car-park deck waterproofing

- 1. Mechanically prepare and prime the deck
- 2. Apply SealForce RC30 as the primary waterproofing membrane in two coats
- 3. Finish with the specified wearing and anti-slip system

9. LIMITATIONS

- Apply on a sound, primed substrate — primer depends on absorbency and surface type
- Concrete must reach at least 25 N/mm² compressive and 1.5 N/mm² pull-off strength
- Do not apply below +5 °C
- Flammable during application — keep away from ignition sources and ventilate
- Mix only what can be placed within the ~30-minute pot life

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/sealforce-rc30/>