RAYSON
HIGH PERFORMANCE COATINGS

TECHNICAL DATA SHEET

Document	RY-TDS-1103
Revision	Rev. 1.0
Issue date	July 2026
Status	**Issued**

[object Object]

[object Object] · [object Object]

1. PRODUCT DESCRIPTION

Rayson SealForce SP200 is a hot spray-applied, 100% solids, rapid-curing pure polyurea membrane that forms a seamless, chemically resistant waterproof and protective lining on concrete and steel.

SealForce SP200 is Rayson's spray-grade pure polyurea: a two-component, 100% solids system that gels in seconds and builds a seamless, monolithic membrane over concrete and steel — including across field joints. It is placed by heated plural-component spray equipment and is put into light service within minutes.

2. RECOMMENDED USES

- Below-grade waterproofing and tanking
- Tank coating and waste-water tank lining
- Water containment, landscape water features and waterparks
- Secondary containment linings
- Marine and splash-zone structures
- Roof waterproofing where a sprayed seamless membrane is specified

3. SUITABLE SUBSTRATES

- Abrasive-blasted concrete with blowholes filled
- Grit-blasted steel (coated before flash-rust reforms)
- Primed with the specified Rayson primer for the substrate
- Potable-water contact requires the specified potable-grade primer

4. KEY PROPERTIES

- Seamless, monolithic pure polyurea — including across field joints
- Rapid cure — light service within about an hour
- Excellent chemical resistance, impact, abrasion and puncture resistance
- Very low permeability and very low VOC
- Suitable for potable water with the specified primer
- waterproofing
- chemical resistance
- abrasion resistance
- fast return to service

5. SYSTEM ROLE

standalone.

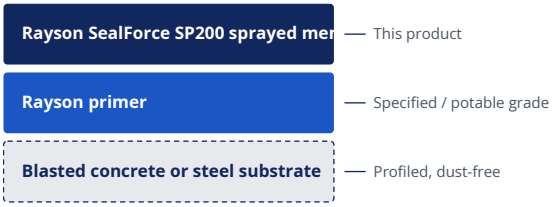

Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

Surface preparation	[object Object]
Mixing / dilution	[object Object]
Application method	Hot airless spray (plural-component)
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

Sprayed tank / containment lining

1. Abrasive-blast the concrete or grit-blast the steel
2. Fill blowholes and prime with the specified Rayson primer
3. Spray-apply SealForce SP200 to the specified thickness
4. Post-cure before returning to service

9. LIMITATIONS

- Applied only by specialist applicators with heated plural-component spray equipment
- Must be applied over the specified primer — never diluted
- Aromatic polyurea — discolours under UV (physical properties unaffected)
- Steel must be coated before flash-rust reforms after blasting
- Potable-water use requires the specified potable-grade primer

10. HEALTH & SAFETY

[object Object]

RAYSON HIGH PERFORMANCE COATINGS

Singapore
Tel / WhatsApp: +65 9821 9129
samuelpacx@hotmail.com

Product page:
https://rayson.sparcoasia.com/products/sealforce-sp200/