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## RhinoPrime SP150 (Formerly SP150) TECHNICAL DATA SHEET

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### **PRODUCT DESCRIPTION**

RhinoPrime SP150 primer is a highly moisture tolerant priming system designed to prime and seal concrete in preparation for coating with Rhino Linings elastomeric polyurethanes and polyureas.

RhinoPrime SP150 is a solvent based priming system able to be applied over concrete, timber, and bitumen surfaces that are still damp from activities such as water blasting.

RhinoPrime SP150 primer displays excellent resistance to caustic solutions, dilute acids, fats and petroleum oils making it suitable for immersion and containment applications.

### **SUBSTRATE PREPARATION**

Concrete substrates should be free from oils, grease, form-release, curing agents and other surface contaminants including concrete laitance.

Acid etching, shot blasting and concrete grinding may be used to achieve this, followed by water blasting to remove acid residue, loose particles and dust respectively.

Note: Whilst concrete can be damp when priming, it is recommended to allow the substrate to dry as much as possible before applying primer. Do not apply over ponding water or hydrostatic head.

### **STORAGE**

Store in cool dry place away from direct heat sources. Ensure partly used containers are tightly sealed.

### **Mixing Instructions**

Pre-mix side 'B' thoroughly with a mechanical stirrer as components will settle with time. Side 'A' can be shaken or hand stirred. Then mix 'A' and 'B' together at ratio of 1:1 by volume and mechanically stir.

### **APPLICATION**

RhinoPrime SP150 primer can be sprayed, rolled or brushed onto the substrate. Spray and Roller applications can be diluted up to a maximum of 1 part methylated spirits (25%) to 3 parts of mixed RhinoPrime SP150 particularly for the first coat on porous substrates.

All those handling this material should be fully conversant with the relevant M.S.D.S.

On concrete, RhinoPrime SP150 primer should be applied so that the concrete is sealed (Wet Film Thickness of 65-100 microns depending on profile). Application rates will vary depending on the substrate and the application method chosen. As a guide, a single application on concrete will require 1 L of mixed RhinoPrime SP150 per 6 square metres. On a second application 1 L of mixed RhinoPrime SP150 will cover approximately 10 square metres.

RhinoPrime SP150 primer is only applied by authorised Rhino Linings Industrial Applicators in strict accordance with procedures supplied by Rhino Linings. Correct substrate preparation is essential for optimum coating performance. Contact technical service personnel for full substrate preparation, priming and coating specifications.

### **TYPICAL PHYSICAL PROPERTIES**

Solids by volume:	80%
Solvent:	can be diluted using Methylated Spirits
Mix Ratio:	1:1 by volume
Coverage per litre:	6 – 10 sqm/l
Pot Life:	Approx 20-30 minutes
Over coat:	2-6 hours
Clean up:	MEK
Thinner:	Methylated Spirits
Shelf life:	12 months unopened

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