



# Rhino Linings®

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## RhinoPrime WB100

### TECHNICAL DATA SHEET

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#### **PRODUCT DESCRIPTION**

RhinoPrime WB100 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 WB100 is a user friendly, water bourn concrete sealer and primer.

RhinoPrime WB100 is solvent free and can be brushed or rolled onto damp concrete surfaces. RhinoPrime WB100 is corrosion resistant, waterproof and suitable for use in high traffic areas.

#### **SUBSTRATE PREPARATION**

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

Smooth concrete should be acid etched, shot blasted or diamond ground to provide a suitable clean profile that will allow penetration of RhinoPrime WB100. Good penetration will enhance adhesion and minimise out gassing during application of spray applied elastomers.

#### **STORAGE**

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

#### **Mixing Instructions**

Vigorously shake both components prior to mixing Side A and Side B in equal amounts by volume. Allow an induction time of 10 minutes prior to applying to substrate.

#### **APPLICATION**

RhinoPrime WB100 primer can rolled or brushed onto the substrate. Dilute RhinoPrime WB100 with 15% water by volume to promote greater penetration of the substrate.

A second coat should be applied after the first coat has become tack free, approximately 2 hours @ 25C.

One litre of RhinoPrime WB100 will cover approximately 8sqm depending on substrate porosity.

RhinoPrime WB100 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.

#### **Recoat**

- a. Allow to fully dry between coats of WB100.
- b. Overcoating with Rhino elastomers must be done after 5 hrs and within 24hrs of application otherwise abrasive sanding of surface will be required to provide a mechanical key.

#### **TYPICAL PHYSICAL PROPERTIES**

Solids by volume:	approx 50%
Dilution:	Dilute 15% with clean water
Mix Ratio:	1:1 by volume
Coverage per litre:	approx 8sqm / L
Pot Life:	approx. 30-40 minutes @ 25C
Over coat:	approx. 8 hours
Clean up:	Water
Thinner:	Water
Shelf life:	12 months unopened

#### **CONTAINER SIZE**

Standard container size is:-  
A-side 10 litre pail  
B-side 10 litre pail

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