



Hippo Seal II with Micro-Lok High Performance Masonry and Wood Sealer

PRODUCT DESCRIPTION

Hippo Seal II is a high performance modified silicone acrylic water repellent and sealer for application on painted and unpainted surfaces.

Features and Benefits:

- Flexible and breathable
- Helps prevent efflorescence
- Protects wood from swelling, shrinking or grain raising.
- Seals and binds chalked surfaces and improves adhesion of topcoat materials.
- May be applied to previously painted and properly prepared surfaces.
- Can be applied to concrete or stucco as a curing agent to promote hardening.

HOW TO USE

Hippo Seal II is supplied ready to use. **DO NOT THIN.** Mix thoroughly prior to use. Avoid application in windy weather. In hot weather, lightly dampen surfaces with clean fresh water to avoid premature or flash drying.

Porous Vertical Surfaces

Start first coat application at the top of the wall. Apply flood coat with a 6"- 8" rundown and back-roll material into surface voids. Apply second coat when the first coat is dry.

Vertical Concrete Surfaces

Material may be applied as soon as the forms are removed. Surfaces shall be clean and free of form oils and release agents. Start first coat application at the top of the wall. Apply saturation coat and back-roll materials. Apply second coat when the first coat is dry.

Will seal surface for approximately 3 years

TECHNICAL DATA:

Material Type	Modified Silicone Acrylic
Active Solids Content	Approximately 10.0%
Color of Material	Milky White Liquid
Odor	Slight Latex Odor
Appearance When Dry	Dries Clear.
V.O.C.	<45 g/L V.O.C. Compliant
Flash Point	Non-Flammable
pH Value	Approximately 9.6
Viscosity	9.6 Seconds No. 4 Ford Cup
Weight	8.7 lbs./gal.
Surf Dry Time	1 Hr @ 21°C
Application Temp	10°F to 35° C

RECOMMENDED USES:

Split face Block	Stucco
Smooth Block	Cement Plaster
Adobe Block	Slump Block
Brick	Painted surfaces
Horizontal Concrete	Chalked Surfaces
Vertical Concrete	Aggregate Panels
Wood	Natural Stone
Wall Board	EFIS
Clay Roof Tiles	

COVERAGE RATES (THEORETICAL):

<u>Substrate</u>	<u>Sq Ft/ 4 litre</u>
Dense Masonry	125-175
Porous Masonry	80-120
Stucco/EFIS	175-225
Wood	200-225
Painted Surfaces	500

Notes: *Use of fluted or scored block or raked joints will increase surface areas by 20%-30% or more and decrease coverage rates.

Horizontal Concrete Surfaces

Apply 2 saturation coats to damp concrete to assist the curing and hardening process. Apply 1 saturation coat to existing concrete surfaces to dust proof surfaces. Remove excess standing or ponding materials with a roller. **Caution:** Hippo Seal II is not recommended for application to surfaces subject to wheeled traffic.

Brick

Apply 1 saturation coat with run-down and back-roll material. Apply second saturation coat when the first coat is dry.

Stucco/Plaster

May be applied to stucco or plaster during the curing process or when fully cured. Apply 1 saturation coat and back-roll materials. Apply second coat when the first coat is dry.

Chalked Surfaces

Apply 1 coat to chalked surfaces. Allow material to dry and check surface for chalking. Apply a second coat to surfaces as needed to control remaining surface chalk.

Wood

Surfaces shall be clean and bare. Pre-treat knots with a small amount of material. Apply a minimum of 2 saturation coats to wood surfaces. Apply second coat when the first coat is dry.

Masonry and Concrete

All surfaces to be coated shall be structurally sound, clean and dry free of laitance, accumulated dirt and grime, efflorescence, lime run, form oils and release agents, grease, mud, excess mortar and mold and mildew, etc. Remove loose and peeling paint, excessive chalk and other contaminants from surfaces. Dry brushing is the preferred method for cleaning surfaces prior to material application. However, chemical, mechanical, abrasive or high-pressure water blasting may be used. Allow wet cleaned surfaces to dry for 2-3 days before application of materials.

EFIS and Other surfaces

Surfaces shall be structurally sound, clean and dry. Clean EFIS surfaces following manufacturer's recommendations.

PRECAUTIONS:

In climates where freezing temperatures have existed prior to application, allow adequate time for surfaces to thaw. In hot weather, lightly dampen surfaces with clean fresh water prior to application to prevent a flash cure of material. Do not apply if ambient air or surface temperatures are below 10° C or over 35°C, if temperatures are expected to drop below freezing with 24 hours or if rain is imminent. Not recommended for application to swimming pools, ponds or birdbaths, etc. or any surface subjected to hydrostatic water pressure. Do not apply to surfaces when relative humidity is >80%.

All cracks (other than hairline) shall be pointed or caulked. All voids and bee-holes or other masonry surface defects shall be repaired, allowing patching materials and sealers to cure prior to application of materials. Repair wood surfaces using commercially available wood patching compound.

Test Panel: Always apply material to a mock wall or test panel, test wall or actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application. Approve sample surface prior to general application.