

Industrial Flooring

RYCON®

Damp-Proofing Liquid Rubber Membrane Coating

Description: Rycon is a single component, highly pliable damp-proof membrane that imparts exceptional flexibility and weathering advantages to many existing previously-primed surfaces.

Areas of Usage: Vertical interior and exterior applications on concrete, concrete block, wood, tile, tile backer board, drywall, fiberglass, primed metal and plastic (e.g., shower walls, wood trim, stem walls, basement and foundation walls). Primarily used as a water-proofing “sandwich” coat in areas where added protection from moisture is desired.

Features / Advantages:	Pigmented	Short tack time (30-60 minutes)
	Single component	Superior water- and vapor-proofing
	Excellent adhesion	Excellent flexibility (up to 800%)
	Stain resistant	Spans cracks and seams
	Zero VOC	Flexible in sub-zero temperatures (-15°F)
	Molecularly bonding	Halts moisture transmission
	Paintable	Does not support mold growth

Surface Preparation: New concrete must cure for at least 30 days prior to preparation and coating. Test for moisture and remove dust, laitance, grease, curing compounds, preparation bond-inhibiting impregnations, waxes and other contaminants. Prepare concrete via mechanical abrasion (grinding, bead-blasting, diamond grinding) or chemical treatment (acid washing followed by alkali neutralization).

Technical Data: *Note: Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions*

Packaging: 5-gallon (18.9 L) container size

Mixing Ratio: Not applicable (single component product)

Application: Polyester brush and 9”, 14” or 18” rollers with microfiber nap

Average Dry Time at 77°F (25°C): Dry times vary depending upon weather conditions. **Cure to Tack-Free:** 30 – 60 minutes; **Waiting Time Between Coats:** 24+ hours, however, “re-wet” coats of the same product may be applied immediately

Resistance To: Moisture, stains, chemicals and abrasion (e.g., water, mold, mildew, salt, grease, oil and other petroleums, animal fat, feces, urine, bleach, solvents, chemical fumes).

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Reducing:	Typically not required; however, in some cases water may be added as a reducer to lower viscosity and improve workability
Finish:	Flat
Color:	Pacific-grey and tumbleweed
% Solids (Vol):	Not available
% Solids (Wt):	Not available
Pigment Type:	Chemical resistant
Vehicle Type:	Not available
Viscosity:	19,000 – 21,000 cps at 77°F (25°C)
Physical Properties:	0 g/l VOC
Thickness:	Recommended 10 mils per application (preference is for multiple thin applications using a polyester brush and 9", 14" or 18" roller with microfiber nap
Tensile Strength:	Up to 549 psi at 7 days (ASTM D-638)
Elongation Percentage:	550 to 820%
Shear Strength:	200 psi at 7-days (M5.3)
Pot Life:	Not applicable (single component product)
Shelf Life:	2 years at 77°F (25°C)

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Mixing: Thoroughly stir Rycon prior to application

Application Procedure: Rycon must be applied over a properly primed substrate using Hydro Polymer.

Handling and Storage: Store in a cool, dry, well ventilated area. Keep containers tightly closed.

• KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • INDUSTRIAL GRADE • HANDLING AND INSTALLATION MUST BE PERFORMED BY ECO-CORFLEX-CERTIFIED APPLICATORS ONLY •

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