



RUST-OLEUM® 310

ROOF AND FOUNDATION COATING

DESCRIPTION AND USES

Rust-Oleum® 310 Roof and Foundation Coating is a non-fibered asphalt emulsion designed for spray or roller application as a high quality primer and thin base coat for use with Rust-Oleum Fibered Black Roof Coating and other black roof coatings. It can be used as a damp proof on vertical surfaces to protect against moisture penetration in roofing or building applications. This product is used to fill pores to protect against moisture penetration when sprayed or roller applied.

PRODUCT FEATURES

- Protects and seals roofs and foundation walls
- Spray grade; non-fibered
- Rain resistant in 2 hours
- Use on built-up and modified bitumen roofing and damp or green concrete

PRODUCTS

SKU	DESCRIPTION
302245	5 Gallon Pail
302225	1 Gallon

PRODUCT APPLICATION

SURFACE PREPARATION

All surfaces must be clean, relatively dry (not saturated), sound and free from dirt, grease, oil, mold, algae, loose granules, loose gravel, loose paint, rotted felts, rust, excess chalk and other foreign matter which could prevent proper adhesion. Use a high pressure wash of at least 2,000 psi. Clean with Rust-Oleum Roof & Siding Cleaner to remove all grease or oily deposits. Seams, fasteners and protrusions shall be repaired as needed. Torn flashings, faulty copings, parapet walls, large blisters and breaks shall be repaired.

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead paint dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE; ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Apply only when air, material, and surface temperatures are between 10-100°F (-4-38°C) and the relative humidity is below 85%. Mix with a power assisted mechanical mixer before use. Mix until the coating is smooth and consistent. Rust-Oleum 310 Roof and Foundation Coating can be applied by brush, squeegee, roller or spray application.

PRODUCT APPLICATION (cont.)

SPRAY EQUIPMENT RECOMMENDATION

Pumps: Graco® King 45:1, Graco Bulldog 30:1 or gas powered equivalents. Graco GH733, HydraMax 350 or GMax 7900 or other manufacturers' equivalents.

Hose/Pressure: 50'-300' length (depending on spray rig pressure). When using hoses longer than 100', use the next larger hose ID every 50'. Every 50' of hose will reduce the spray pressure of the rig by 10% at the gun tip. Good results are generally obtained at 2,000-3,000 psi at the spray tip.

Gun: Graco Contractor Gun, Graco Contractor FTx gun, Graco Silver Plus or equivalent. (Tip extrusions or pole guns can be used).

Tip Type: Heavy Duty RAC Switchtips (GHDXXX) Gray. Tip sizes are detailed below.

Fan Width (inches)	0.39	0.43	0.47	0.51	0.55	0.59
10"-12"	539	543	547	555	547	559
12"-14"	639	643	647	651	647	659
14"-16"	739	743	747	751	747	
16"-18"	839	843	847	851	847	
Flow Rate	1.60	1.98	2.37	2.79	2.37	3.74
	gpm	gpm	gpm	gpm	gpm	gpm

COVERAGE

Apply at a coverage rate of 30 wet mils to achieve a 15 mil dry film thickness.

DRY & RECOAT TIMES

Can be coated or backfilled in as little as 2 hours. Can be applied to green concrete as soon as the forms are removed from poured concrete walls and as soon as the mortar is dry on masonry block formations. Environmental or site specific conditions may require variations in cure times.

CLEAN-UP

Wash tools and equipment with mineral spirits. Wipe up splatters before they dry. Follow equipment manufacturer's directions to clean spray equipment. Properly dispose of all soiled rags and containers.

LIMITATIONS

Damp proofing is not waterproofing. For protection against water penetration, consider a waterproofing product. Do not apply below 10°F or when rain is imminent. Not intended for use in areas subject to vehicular traffic, ponding water or over tar or silicone.



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PHYSICAL PROPERTIES

		310 ROOF AND FOUNDATION COATING
Resin Type		Asphalt Emulsion
Pigment Type		Asphalt
Solvents		Water
Weight	Per Gallon	8.3 lbs.
	Per Liter	1.00 kg
Solids	By Weight	65.0%
	By Volume	60.0%
Volatile Organic Compounds		<10 g/l
Recommended Dry Film Thickness (DFT) Per Coat		15.0 mils (375µ)
Wet Film to Achieve DFT (Unthinned Material)		30.0 mils (750µ)
Practical Coverage at Recommended DFT (assume 15% material loss)		50 sq.ft./gal. (4.6 m ² /gal.)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	1 hour
	Back Filled	2 hours
	Fully Cured	24 hours
Shelf Life		3 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

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