



ERS-100

MODIFIED ASPHALT EMULSION



MODIFIED EMULSION WITH MULTIPLE APPLICATIONS

ELASTOMERIC PROPERTIES AND ENVIRONMENTALLY SAFE

ERS-100 is a premium-grade, rubberized emulsion which can be used as a protective coating for smooth surface asphalt or modified roof systems, over standing seam metal roofs, over polyurethane foam (PUF), as a part of Ecology's ERS-1000 Roof Protection System, for remedial restoration, or for below grade waterproofing applications. This black, elastomeric coating is a water-based, mineral colloid, emulsified asphalt with an acrylic elastomer that provides excellent elongation and waterproofing characteristics. With virtually no odor emissions, ERS-100 offers a cold-applied installation without the smell of hot asphalt or use of dangerous open-flame torch systems. The quick-drying, high-solids content of ERS-100 also aids in providing a greater retained waterproof coating thickness than most conventional emulsions, while providing resistance to chemicals, biological, and ultra-violet degradation. ERS-100 contains no asbestos and meets all VOC requirements. ERS-100 is manufactured to meet the requirements of ASTM-D-1227, Type III, Class I.

SPRAY APPLICATION PROVIDES QUICK LOW-COST APPLICATIONS

ERS-100 can be applied by means of brush or spray application over a clean surface. Where porous or dusty surfaces exist, the surface should be primed with Ecology's ERS-301 Asphalt Primer. Coverage rates for the emulsion will vary depending on the surface and type of application, and whether a reinforcing membrane, such as Ecology's ERS-310 Polyester Mat is to be sandwiched between applications of the emulsion. ERS-100 should not be applied when rain is imminent. ERS-100 may be coated with one of Ecology's white or aluminum reflective coatings or covered with ceramic granules or roofing gravel.

GENERAL DATA

Color:	Black	
Application Rate:	Approx. 1-1/2 - 2 gal. per 100 sq. ft. for metal roofs	
	Approx. 5 gal. per 100 sq. ft. without ERS-310 or 8 gal. per 100 sq. ft. with ERS-310	
Container Sizes:	5 gal.	55 gal.
Weight:	46 lbs	506 lbs
Pallet Size:	36 pails	

Ecology Roof Systems®

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