

TECHNICAL SPECIFICATION RHINO SEAL

GENERAL DESCRIPTION:

RHINO SEAL is a specialty coating that doubles as an effective PRIMER and SEALER for problematic pavement surfaces. It is a fast drying, self-curing, water based, acrylic modified bituminous emulsion that bonds well to surfaces contaminated by oil, grease, fuel, etc., as well as to polished, smooth aggregates in the pavement. It is as a spray applied or broom applied finished protective sealcoat for asphalt surfaces. This product is designed for use on asphalt to help protect against water penetration, oxidation and deterioration of asphalt surfaces.

PREPARATION:

All areas to be sealed shall be free from sand, dirt, dust, oil build-up, grease, and other foreign debris by blowing, scraping, brooming, burning or washing. Fill all cracks 1/4" or larger with an approved elastomeric crack and joint sealant. Remove all broken asphaltic concrete; prime and patch area with new asphaltic concrete, following manufacturers recommendations. Clean all oil spotted areas and prep with approved oil spot primer.

APPLICATION:

Rhino Seal should be thoroughly mixed prior to application. Rhino Seal, as manufactured, requires that water be mixed with product to achieve proper workability for application. Normally about 50% dilution with water is sufficient. The material should be applied at total application rate of 50 to 100 sq. ft. per gallon. Product should be applied so that coverage is uniform. Any pinholes or unsealed areas should be repaired before opening to traffic.

SAFETY PRECAUTIONS:

Wear approved personal protective gear while cleaning as well as while applying Rhino Seal. Generally, Rhino seal is odorless and non-irritating. Normal safety precautions are advised.

PRODUCT DATA: Test results from independent laboratory analysis.

Emulsion type (ASTM D-2937 modified)...	Anionic SS1-H Asphalt Emulsion
Pound per gallon (ASTM D-244)	8.3 to 8.7
Residue by Distillation, % by weight.....	50 min
Viscosity @ 77 Degrees F	50-100
Sieve, 20 Deg. Mesh & Retained	0.5 max
Penetration of residue, dmm @ 77 Deg. F	8-20
Tensile and Elongation Properties	
(14 Day Room Temperature Cure)	
% Elongation @ max stress	40-500
% Elongation @ break	80-1200
Tensile strength (psi)	7-15
Recovery from 25% Elongation	15-30
Color.....	Dark Black