



OverKote® Loop Filler

DESCRIPTION:

A one-component, pourable, sand filled, asphaltic emulsion for use in sealing inductive wire loops and leads imbedded in asphalt and portland cement concrete. This product meets **State of California Specification 8040-41A-15.**

MATERIAL SPECIFICATIONS:

The composition of the loop sealant shall be a sand filled, pourable, water emulsified bitumen. It will be the manufacturers responsibility to produce a one-component product to meet the properties specified herein.

CHARACTERISTICS OF THE SEALANT

SPECIFICATIONS	LIMITS	TEST METHODS
Residue by evaporation, % by weight	70 minimum	ASTM D 2939
Ash content, % by weight	50 to 65	ASTM D 2939
Firm set, hours	4 maximum	ASTM D 2939
Brookfield viscosity, poise	50-125	RVT Spindle 3, 10 RPM at 75 ± 2°F.

PROPERTIES OF THE DRIED FILM

SPECIFICATIONS	LIMITS	TEST METHODS
Flexibility	No full depth cracks	ASTM D 2939 Except air dry specimens to constant weight at 75 ± 5°F and 50 ± 10% relative humidity. Condition mandrel and specimens 2 hours at 75 ± 2°F before test. Use aluminum panels, 0.03 inches thick (O panel or equal).
Tensile strength, psi	20 Minimum	ASTM D 2523 Cast sheets 0.25 inches thick and air dry at 75 ± 5°F and 50 ± 10% relative humidity for minimum of 16 hours. Load rate 0.05 inches/minute.
Elongation, %	2.0 Minimum	ASTM D 2523 Same conditions Tensile strength, psi.
Slant-shear strength to concrete, psi	150 Minimum with no loss of adhesion to concrete	California Test Method No. 434, Part VIII Space damp blocks with 0.25 inches between slant faces, seal sides and bottom with tape and fill with the well-stirred sample, strike off excess. Dry in 140° F oven to constant and condition 1 day at 75 ± 2°F before testing. Load rate to be 5000 lbs/minute.
Resistance to water	No blistering, re-emulsification or loss of adhesion	ASTM D 2939, Alternative B

APPLICATION:

Prior to the filling, all saw cuts should be clean and preferably moist or damp. If necessary, dirt, loose pieces of asphalt or concrete material, and water in the saw cuts shall be removed with an air jet. The surface of the pavement should be air-dry when the application of Loop Filler is made. Loop Filler should be thoroughly stirred before use. Loop Filler should be used as received in the container, except that small amounts of water may be added (not to exceed 5% by volume) to obtain proper working consistency. Loop Filler can be applied by means cone-shaped crack filler or pouring pots or other appropriate equipment which will introduce the Loop Filler into the joint without undue waste. All saw cuts should be filled approximately to the surface of the pavement. For best results use a V"-shaped squeegee to force the Loop Filler into the saw cuts to minimize air voids and also to insure the appropriate quantity of Loop Filler is used without leaving excessive product on the pavement surface.

GENERAL PRECAUTIONS:

No part of the construction involving the application of Loop Filler shall take place during or just prior to rainfall. Air temperature shall be at least 55°F and rising. Do not apply if rain is forecast within 48 hours after application. Wash tools in water. Use paint thinner if material has dried. Keep from freezing. Do not store in direct sunlight or where temperatures exceed 100° F. Container should be closed when not in use. Keep out of the reach of children.

PACKAGING:

5 gallon pails

Due to the wide range of variables affecting the results of application, such as weather conditions, construction equipment, and quality of other materials, there is no warranty, expressed or implied, that following this specification, or using the materials covered thereby, will assure satisfactory results.

MATERIAL SAFETY DATA SHEETS AVAILABLE ON REQUEST