RAYNGUARD™
INVESTMENT GRADE PAVEMENT PROTECTION
RAYNGUARD PROTECTIVE MATERIALS, INC.

NEED HELP PROTECTING INDUCTIVE LOOPS FROM MOISTURE?

Let us show you what our team of professionals can do for you and your business.

RAYNGUARD LOOPFILLER

A one-component, pourable, sand filled, asphaltic emulsion for use in sealing inductive wire loops and leads embedded in asphalt and portland cement concrete

LAB TESTED

READY TO USE

PREMIUM QUALITY

8280 14th Ave, Sacramento CA, 95826 www.raynguard.com 916-454-2560

Technical Data

A single package, water dispersed, polymer-modified, pourable, quartz-filled asphaltic emulsion coating designed for use in sealing inductive wire loops in either asphalt or concrete. The product may be squeegeed into well-cleaned saw cuts to protect against water penetration into the base substrate. It is designed to be flexible enough to handle most changes in temperature as well as stiff enough to withstand power-steering stress and traffic abrasion. This product meets State of California Specification 8040-41A-15

ADVANTAGES

- Ready to use; no additives or extra components.
- Doesn't require heat or extra equipment for application.
- Will work with most surface treatments and conditions.
- Formulated to promote adhesion to asphalt.
- Will not "rip up" or become removed with minor abrasion
- Resistant to tire scuff and power steering abuse.
- Contains no bio-accumulative metals or chemicals.
- Nonhazardous and when dry, may be disposed of in a landfill

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. For best results use a V-Shaped squeegee to force the Loop Filler into the saw cuts to minimize air voids and to ensure the appropriate quantity of Loop Filler is used without leaving excessive product on the pavement surface. This product should only be used when no rain is forecast for at least 24 hours and the temperature is 55°F and rising.

USES

- Designed for easy-to-pour handling and application.
- Not self-leveling; must be well squeegeed (or forcefully applied) into cracks and the surface must be left as a smooth layer before curing.
- Loop Filler can be applied by means of a cone-shaped crack filler or pouring pots or other equipment which will introduce the Loop Filler into the joint without undue waste.

MATERIAL PREPARATION

RaynGuard Loop Filler must be thoroughly mixed prior to its use for best results. This will not only ensure the aggregate is evenly distributed throughout the product, but it will also decrease the viscosity and allow the material to flow out of its container much easier. This loop filler should not be cut with water prior to its use – it has been formulated with minimal water to optimize curing time and maximize the finished coating's strength.

PHYSICAL PROPERTIES

- Dense brown paste, which dries black.
- Enhanced with polymer for increased flexibility, storage-stability, and adhesion to substrates.
- High solids formulation which decreases "shrinkage" upon curing.
- Made with non-absorptive aggregate (i.e. requires less water in the formulation to achieve workable viscosity and therefore less water needed to evaporate to cure)
- UV-Resistant and resists oxidation (which helps to maintain surface integrity over time)
- Environmentally-friendly and easy to handle
- Resistant to freeze-thaw conditions as well as most temperatures/weather

TRANSPORTATION, STORAGE AND HANDLING

- **DOT: Not Regulated**
- **Keep containers/bags tightly sealer when not in use**
- **Do not take internally. Do not vomit if swallowed. Call a physician immediately**

Store, handle and dispose per SDS requirements

PHYSICAL SPECIFICATIONS (ASTM D 2939)

Uniformity	*Density [lbs./gal]*	*pH*	*Percent Solids*	*Viscosity [KU]*
No Separation	12-14	10.5-11.5	70% Minimum	110-140
Firm Set [Hrs]	*Ash Content*	*Flexibility*	*Water Resistance*	*Adhesion*
4 Maximum	50-65% Minimum	Pass	Pass	Pass

Dried Film Specifications (ASTM D 2523):

Specifications	*Tensile Strength*	*Elongation, %*	*Slant-Shear Strength to Concrete, psi*
Limit:	20 Minimum	2.0 Minimum	150 Minimum with no loss of adhesion
Test Notes:	Cast sheets 0.25 inches thick and air dry for 16 hours. Load rate of 0.05 inches/minute.	Same conditions as Tensile Strength	CA Test Method No. 434 - Space damp blocks with 0.25in between slant faces, seal and fill with product. Dry in 140F oven to constant condition for 1 day. Load rate to be 5000 lbs/minute.