



EKO YOL

Theoretical Coverage

A one layer industrial kit covers approximately 5,000 square feet on a moderately porous pavement surface at 1/16" in (3mm) thickness. Coverage will vary depending on asphalt condition and porosity.

Application

The Eco-Seal® system is designed to be applied by the Eko Yol Placer application device, Eko Yol Mortar Blade, Eko Yol approved spray rig, or other manufacturer approved equipment. Material to be applied exclusively by a certified applicator.

Curing

On a sunny day (75°F with 50% - 75% relative humidity) the drying time is approximately 1 hour per single layer. The hotter the temperature and the drier the day, the faster the cure time.

Shelf Life

- Liquid Eco-Seal® – 12 months in unopened containers
- Eco-Seal® Powder – 6 months in dry indoor area
- Aggregate – Unlimited shelf life

Special Conditions

- Application temperature shall be a minimum of 50°F and rising
- Do not apply when rain is imminent or forecast within 10 hours of completed application
- Application surface must be structurally sound

Associated White Papers

- MSDS
- Technical Data Sheet and Installation Specs

Recommended Temperature Range

Ambient and surface temperatures of 50° F and rising to 100° F is the standard range of successful application. However, when the temperature reaches or exceeds 95° F, additional polymer and a small amount of water is required to keep the batch workable. Add additional polymer at a ratio of 3 gallons of polymer to 1 gallon of water to increase rate of flow of material. To decrease flow, add additional powder to achieve workable mix.

Mixing

Mechanical mixing is recommended. For roads & other large areas, Eko Yol recommends using the Placer batch-mixing machine. The machine must mix the Eco-Seal® composite to a consistent, homogenous mix. For smaller areas, a 1/2" drill with mortar paddle mixer may be used. For each High Production Kit, 25 gallons of potable water is added for desired workability and coverage. It is important to add liquid Eco-Seal® and water first to the mixing container or mixer, followed by the addition of the Eco-Seal® powder. Mix slowly and consistently for best results. Keep unused portions covered and out of heat.

Directions for use (new and existing asphalt and concrete surfaces)

- 1) Inspect surface for suitability of application. Extensive sub-base or substrate problems may require repairs outside the scope of Eko Yol's product line.
- 2) Repair any deteriorated areas such as spalling, cracks, pop-outs, bird baths, etc., with patching compound to restore profile. Minor cracks do not require patching prior to overlay application.
- 3) Ensure surface is free of all contaminants including oil, grease, dirt, laitance, fungus, efflorescence, mildew or any other contaminant that may prevent adhesion. Effective means of preparation may include pressure washing.
- 4) New asphalt should be allowed to weather for 30 days prior to application of the Eco-Seal® system. If timing is critical, then new asphalt surfaces should be thoroughly degreased and pressure washed. Two washings are recommended to remove excess oils.
- 5) Prior to application, surface must be dry and free from all loose particles.
- 6) Set up equipment and mix materials as previously described.
- 7) Apply the Eco-Seal® with approved application equipment.

Warnings

- All materials are formulated for industrial and professional use only. Keep out of reach of children
- When exposed to air, the liquid polymer emits a slight ammonia vapor. It is recommended that steps be taken not to breathe the vapor or the dust produced when mixing this product.
- Previously sealed surfaces may require additional prep work (i.e. scarifying).