

**EnviroECOats MS-RENU** is a clear shingle coating designed to provide shingle protection by extending the life of aged shingles and low-sloped mineral surfaced roll roofing by locking in granules and reducing further granule loss and degradation. MS-RENU can also be used on clay, concrete, slate and stone coated metal roof tiles, and protects against sun, rain, wind, ice and snow. MS-RENU revives the appearance of existing roof and stays clear over time. For 1/5 of the cost of shingles and less than 1/10th of the labor time, you can extend the life of your shingles for up to 5-years.

- MS-RENU: Low-cost clear treatment is the solution to shingle replacement
- MS-RENU Shingle Coating puts moisture back into your shingles extending shingle life
- MS\_RENU extends shingle & roof life and up to 5-years
- MS-RENU locks in granules and reduce further granule loss and degradation
- MS-RENU easily applied using pump sprayer, roller or brush, 1 Gal. covers up to 200 sq. ft.

**Smooth Surfaces:** Approx. 200 square feet per 1 gallon size container. **Rough Surfaces:** Approx. 100 square feet per 1 gallon size container, depending on porosity and roughness of substrate.

- MS-RENU stays clear over time
- Shingle treatment is 1/5 the cost of shingles and less than 1/10th the labor of shingle replacement

## APPLICATION:

**Clean-Up:** Before applying, use a leaf blower or broom, remove any dust, dirt, debris, and foreign material that may prevent proper adhesion. Treat algae or moss. Ensure roof is completely clean and dry before application of MS-RENU

**Preparation:** Carefully inspect area to be sealed. Repair all cracks, breaks, splits and holes with an all-purpose clear sealant. Allow all repairs to form a skin and set up from 2-24 hours, depending on depth of fill and weather conditions before applying MS-RENU

**Application:** Do not over apply. Mix MS-RENU thoroughly. MS-RENU should only be applied to a roof in sound condition, which is clean, dry, frost-free, and fully prepared as described above. MS-RENU is an opaque white color while wet for ease of application and will dry clear when applied correctly. Apply MS-RENU on a sunny day when roof is warm to the touch. If the roof is too hot to touch, >140 °F (>60 °C), it is too hot to apply. MS-RENU should be applied in one thin pass, with just enough product to mist granules or approved substrates, to avoid drips and runs, especially on steep-slope roofs and in overlapping areas. Over-application of MS-RENU may result in streaks or uneven drying. Overapplication of MS-RENU does not hinder its ability to protect the roof and is only cosmetic in nature. Dry time is typically between 1-4 hours, depending on weather conditions.

**Pump Sprayer:** If spraying, a new or thoroughly cleaned garden type pump sprayer is recommended for ease of application. This will help avoid clogs and spraying issues. Pump the sprayer vigorously prior to use and during use. Adjust the nozzle to the fan, wide spray position. Apply a test area to initiate flow and obtain feel for pressure/spray pattern. Evenly apply MS-RENU in a single light mist.

**Roller or Brush:** If rolling or brushing, a 1/2" nap roller or soft-bristle paint brush is recommended. Evenly apply MS-RENU in a single thin pass.

Physical Property	Typical Value	Test Method
Color: Wet	Milky White	
Color: Dry	Clear	
Application Temperature	Min. of 50° F (10°C) and up	
Viscosity	600-1200 cPs	ASTM D2196
VOC	Less than 50g/l	

**NOTE:** DO NOT THIN. Not for use on completely flat roofs or where ponding water may be present. Not intended to repair leaks or to waterproof. Do not apply if rain or temperatures below 50 °F (10 °C) are expected within 24 hours of application (low temperatures and/or high humidity may require longer drying time). When in doubt, consult membrane manufacturer for membrane warranty considerations before use. **DO NOT ALLOW SEALER IN PAIL TO FREEZE.** Do not heat container or store at temperatures >120 °F (>49 °C). When transporting, make sure the pail is secured and the lid is tight to prevent spills