

technical information

#8612



"GREEN"
Coating Products

100% Acrylic Non-Yellowing **SHINGLES AVER™** CLEAR REJUVENATING ROOF GLAZE & PROTECTIVE ACRYLIC SHINGLE SEALER

PRODUCT DESCRIPTION

SHINGLES AVER™ is a Clear Glaze Waterproofing Rejuvenating Roof Sealer Finish and Clear Shingle Sealer. A 100% Acrylic sealer designed to preserve, protect, waterproof and beautify. The high performance acrylic resin and special performance additives form a clear sealer finish and helps to restore original color. Multiple coats will progressively increase gloss and build up film thickness for increased performance. Eliminates harmful water intrusion into and onto substrate by the sheeting off of water, thus reducing the environment for mold, mildew and fungi formation and cleansing the roof of dirt and pollution. Originally designed as an asphalt shingle sealer to rejuvenate and reseal loose granules extending the life of the roof and effectively reduce mildew and dirt pick up.

SHINGLES AVER™ can be used to rejuvenate, waterproof, seal, protect and beautify most any type of sloped roofing surface. Excellent for sealing over previously painted or coated surfaces. Excellent for sealing and rejuvenating fiberglass skylights. Acrylic resins actually rejuvenate and promote extending the roof's life and roofing surface.

PRODUCT USES

Asphalt Shingles/Roll Roofing: Excellent for use on Asphalt or Fiberglass Shingles and Roll Roofing to preserve, protect and waterproof the mineral granules. Protects against the premature breakdown of the tar composition (curling & cracking) by rejuvenating and waterproofing the mineral granules. The mineral granules protect the tar composition from the sun and water.

SURFACE PREPARATION

For proper adhesion and penetration it is essential that the surface be properly prepared. On shingles or other granulated roofing surfaces wash all surfaces with a low pressure water and chlorine solution to remove any previous coatings, dirt, grease and other foreign materials, especially mold, mildew and algae. Scrub if necessary. **SHINGLES AVER™** will resist mildew growth, but will not kill mildew already on the surface. Apply only to a sound, well prepared roof surface. Roof surface must be completely dry and free of all moisture. Patch any holes, cracks, seams, etc., with a Clear Acrylic paintable caulk before applying the sealer.

APPLICATION PROCEDURE

Stir well before using. Do not apply when temperatures are below 45°F, or when humidity is very high. The surface must be dry and free of all moisture. Do not apply when sealer will be subjected to rain or heavy dew before it has had enough time to dry (approx. 1-2 hours). Drying time will vary from location to location depending on weather conditions. Stir product occasionally during use. Apply using brush, roller or spray. Spread liberally enough as to penetrate porous surfaces and cracks. Feather in excess puddles and runs before sealer has dried. Sets to touch in approximately 1 hour and dries in approximately 1 to 2 hours. Wait at least 2 hours before recoating. Two coats of **SHINGLES AVER™** are recommended and required for warranty compliance. Coating will appear to be blue but will clear as it dries. Do not thin this product, apply as it is from the container.

SPRAYERS: Pump-up stain sprayers can be used. Airless Sprayers may be too powerful, adjust pressure and other settings to spray a uniform amount of product without making runs, backroll if necessary.

CLEAN UP

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water. NOTE: If roof surface is not completely dry and free of all moisture, blushing, whitening and hazing may occur.

GLOSS CHARACTERISTICS

For increased gloss, multiple coats can be applied, but sealer will also be more sensitive to blushing with increased film buildup. ASTM D523 (Standard Test Method for Specular Gloss) Gloss will be 70-80 degrees when applied to a non-porous substrate and when applied over a latex roof coating it will be 50-70 degrees.

SHINGLES AVER™ MAINTENANCE

For continued protection, recoat roof surface using **SHINGLES AVER™** approximately every 3-5 years or when desired gloss is no longer present.

PHYSICAL PROPERTIES

FINISH: Gloss
COLOR: Clear
DRY TIME (@77°F & 50 RH):
 TO TOUCH: 1-2 Hours
 TO RECOAT: 2 Hours
 FULL CURE: 5 to 7 Days
VEHICLE TYPE: Copolymer Emulsion
SOLIDS by WEIGHT: 27% +/- 2%
V.O.C.: 1.77 lb./Gallon; 212.4 g/liter
GALLON WEIGHT: 8.8 lbs. +/- 0.3lb.
CONTAINER SIZES: 1-Gal, 5-Gal, 55-Gal

SPREAD RATES:

200-250 sq.ft./gal per coat

WARRANTY COMPLIANCE INFORMATION

The **SHINGLES AVER™ - 5 YEAR LIMITED MATERIAL WARRANTY** is for Product only and applies to chipping, cracking and peeling on granulated surfaces only. Labor is not covered by this warranty. This product is not guaranteed to stop or prevent leaks; all leaks must be repaired prior to the application of any coating. The WARRANTY is available only when product is applied according to Manufacturer's Application Procedures and Strict Material Requirement Specifications and a Warranty Registration and a Job Completion Form is submitted to ProTek-USA within 90 days of completed coating application date.

This Warranty is available for well draining, SLOPED ROOFS ONLY. Slope of roof must be greater than 1" per 24" or an angle greater than 4 degrees.

MINIMUM SPREAD RATES: must be applied at no more than 250 sq.ft./Gallon/per coat, resulting in an aggregate spread rate of 125 square feet per gallon for both coats.