

ARMOR



SHIELD

TECHNICAL DATA SHEET

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Shingle Shield

PRODUCT DESIGN

SHINGLE SHIELD is a single component clear, weatherproof, elastomeric penetrating sealer designed to protect new and used asphalt shingles. When **SHINGLE SHIELD** is properly applied, it seals any moisture into the shingle and reduces the rate at which the shingle dries; therefore extending the life of the shingle. It also seals down the granules of the asphalt shingle to keep them looking newer longer. While **SHINGLE SHIELD** dries clear, it adds a slight reflective appearance to the surface to allow end users the ability to gauge where the products has been applied. **ARMORPRIME** also improves adhesion to many substrates including, but not limited to BUR modified bitumen, concrete, masonry, galvanized metal, wood decking as well as previously sprayed polyurethane foam.

ADDITIONAL USES

SHINGLE SHIELD may also be used on stucco, masonry chalking and properly treated metals. NEVER apply directly over surfaces with any moisture on them or when rain is in the eminent forecast.

PRODUCT ADVANTAGES

- WEATHERPROOF
- EXCELLENT BONDING CABILITIES
- MILDEW RESISTANT
- ENVIRONMENTALLY SAFE

APPLICATION

All surfaces should be dry, clean and free from detrimental foreign matter that will adversely affect adhesion and product performance. Remove foreign surface deposits and/or organic growth using manual, mechanical or chemical cleaning techniques. Very dense, nonporous or chemically treated concrete requires overall etching or abrasive blasting to promote adhesion. **SHINGLE SHIELD** may be applied with a brush (polyester/nylon), roller (high quality 3/8" – 1/2" nap), garden sprayer or airless sprayer.

Drying Time at 77°F (25°C) and 50% RH is 30 minutes to touch and 1 hour to recoat. If applying in colder weather and/or higher humidity, ensure **SHINGLE SHIELD** is thoroughly cured prior to applying the second coat. **SHINGLE SHIELD** should be applied in two equal coats with a recommended application rate of 300 square feet per gallon for each coat. Coverage rates will vary depending upon method of application, surface irregularities and porosity of substrate. Coverage figures do not include spray loss.

Apply only when air, product and surface temperatures are above 55°F (11°C). Avoid application when dew or condensation is likely to form or when rain threatens. Promptly clean brushes, rollers and spray equipment with warm soapy water. Give spray equipment a final cleaning with high quality paint thinner to remove moisture and prevent possible corrosion.

WARRANTY

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PHYSICAL PROPERTIES

COLOR: White (clear after drying)

GRADE: Brush / Spray

TEXTURE: Smooth

BASE: 100% Acrylic

1. SOLIDS BY WEIGHT:

35% (±2)

2. SOLIDS BY VOLUME:

23% (±2)

3. TENSILE STRENGTH:

243psi (±20)

4. ELONGATION

138% (±20)

7. VISCOSITY:

49 K.U. (±4)

8. REFLECTIVITY:

N/A (clear)

9. EMMISIVITY:

N/A

* some results are calculated based of formula



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