



**GACOSHIELD**  
**AUGUST 2007**  
Supersedes 07/07

## **GACOSHIELD**

### **WATER BASED ELASTOMERIC COATING**

**DESCRIPTION:** Gaco Western's GacoShield is a single component water-borne acrylic protective coating.

**USAGE:** GacoShield can be used over natural or synthetic dimensional decking. Other applications include stair treads and deck railings.

**STANDARD COLORS:** GS3727 Stone, GS3733 Coffee, GS3734 Cedar, GS3746 Madrona.

#### **APPLIED PRODUCT DATA**

**WEATHERABILITY:** Excellent color stability, gloss retention and chalk resistance.

**TENSILE:** ASTM D-412

Strength: 900 psi min. (6.21 MPa)

Elongation: 200% min.

Permanent Set at Break: 15% max.

**HARDNESS:** ASTM D-2240 90 Shore A

**TEAR RESISTANCE:** ASTM D-624 DIE C  
Lb./In. 250 min. (44.7 kg(f)/cm)

**WATER VAPOR PERMEABILITY:** ASTM E-96 0.06 Perm Inches  
Method B, 100% R.H. Difference

**TOXICITY:** Avoid skin and eye contact. Do not take internally. See MSDS for additional information.

**ADHESION:** Adheres well to most surfaces.

#### **PACKAGED PRODUCT DATA**

**COVERAGE:** Sq. Ft./Gal./Mil 712 (17.49 m<sup>2</sup> / L / .02 mm)

**SOLIDS:** Weight: Method 4041 57.36%  
Fed. Std. 141

Volume: 44.4%

**V.O.C. :** Volatile organic compounds content is less than 50 grams per liter.

FLASH POINT: Not applicable, as GacoShield is a water based product.

STORAGE: Three years in original unopened container. Protect from freezing. Material will freeze at 32°F (0°C). If frozen, thaw at 40°F to 80°F (4°C to 27°C). Use when melted to a smooth, homogeneous condition. Storage temperature should not exceed 100°F (38°C).

### APPLICATION

Substrates must be dry and free of dirt, mildew, and algae. Previously coated, fully adhered substrates should be cleaned with GacoWash, then rinsed and allowed to dry.

If a texture coat is preferred, stir slowly and add  $\frac{3}{4}$  pound (12 oz) of GacoGrip granules to 0.88 gallons of GacoShield to yield 1 gallon of coating and granule mixture (or 3.75 pounds of GacoGrip to 4.4 gallons of GacoShield to yield 5 gallons of coating and granule mixture). Apply by roller or brush at a rate of one gallon of mixture per 100 square feet (3.78 L / 9.3 m<sup>2</sup>).

When coating deck railings, apply GacoShield without GacoGrip granules. When GacoShield is applied to stairs, GacoGrip is recommended.

Clean up equipment using water mixed with liquid detergent.

GacoShield products are water based acrylic coatings and require the complete evaporation of water to achieve full physical properties. DO NOT apply to surfaces that are, or will be lower than, 50°F (10°C) within 6 hours.