

Screen Goo Projection Screen Coatings



Rear Projection Coating

Description

Screen Goo Rear Projection Coating is a semi-translucent diffusive coating intended for application to transparent substrates for the creation of double-sided rear projection surfaces

Advantages

- ASTM D4236 approved non-toxic water base acrylic coating
- ASTM E-84-06 approved for fire safety
- No California Proposition 65 Statement required
- VOC: 89g/1000mL (per ASTM D3960 method)
- lead-free
- premium, colour fast pigments
- museum grade 100 % acrylic base
- very durable
- polarity preserving
- very reflective
- not degraded by UV light
- strongly resistant to yellowing
- spray application only
- suitable for indoor and outdoor use

Characteristics

Gloss: 15
Volume Solids: 36.5-38.5
Viscosity: 18 seconds # 3 Zahn cup
Recommended film thickness:
 Mils Wet: 1.5
 Mils Dry: 0.50
Spreading Rate (no application loss):
 302.4 sq ft/gal @ (recommended Mils Dry Film Thickness)
Drying (25° C/77°F; 45% RH):
 To Touch: 1 hour
 To Handle: 24 hrs.
 To Sand: not recommended
 To Re-coat: 4 hours
 Force Dry: not recommended
 Curing temperature should not exceed 40°C/104°F
Mixing Ratio: N/A
Pot Life: N/A
Flash Point: will not ignite; may boil at > 100°C/212°F
Package Life: 5 years unopened



Specifications

General: Substrate should be free of grease, oil, dirt, fingerprints and other contaminants.
Drywall: Level 5 finish required. Prime with quality white primer compatible with water based over-coating.
Wood Products: Level 5 finish required. Prime with quality white primer compatible with water based over-coating.
Fabrics: Will adhere correctly and permanently to all natural fibre materials: canvas, muslin, etc. Not recommended for application to PVC, polyester and any substrate containing solvents or volatile plasticizers.

Application Notes

Two or more coat application required

Rolled: not recommended.

Sprayed: Use an HVLP system for application <50 sq. ft; 1.5-2mm tip diameter. 40-45 psi. For applications > 50sq. ft, use industrial capacity airless system: 12 -14 fan spray tip; piston pump; maximum 50 ft. of hose; ¾ gpm capacity. Still air required for best results, minimize air circulation while applying.