

Screen Goo Projection Screen Coatings



High Contrast Finish Coating

Description

Screen Goo High Contrast Finish Coating is the diffusive component of the Screen Goo two part video projection screen system; to be used in conjunction with, and applied subsequently to, Screen Goo High Contrast Reflective Coating.

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: 138g/1000mL (per ASTM D3960 method)
- lead-free
- premium, colour fast pigments
- museum grade 100 % acrylic base
- very durable
- very matte
- very reflective
- not degraded by UV light
- strongly resistant to yellowing
- spray or roller application
- suitable for indoor and outdoor use

Characteristics

Gloss: 4.8
Volume Solids: 36.5-38.5
Viscosity: 27 seconds # 3 Zahn cup
Recommended film thickness:
 Mils Wet: 1.5
 Mils Dry: 0.50
Spreading Rate (no application loss):
 378 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: Do not sand
 To Recoat: 1 hour
 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: Minimum level 4 finish recommended. Prime with 100% acrylic water base or urethane modified acrylic primers only.
Wood Products: 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 coat application required

Rolled: Use maximum 1/4" nap, lint-free rollers; foam rollers are 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.