Screen Goo Projection Screen Coatings

High Contrast Reflective Coating

Description

Screen Goo High Contrast Reflective Coating is the reflective component of the Screen Goo two part video projection screen system; to be used in conjunction with Screen Goo High Contrast Finish 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: 74g/1000mL
- 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: N/A intended for use as an undercoat
Volume Solids: 36.5-38.5
Viscosity: 55 seconds # 5 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: 48 hrs.
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 quality white primer compatible with water based over-coating.
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 systems