Screen Goo Projection Screen Coatings

High Extinction 3D Finish Coating

Description

Screen Goo High Extinction 3D Finish Coating is the polarity preserving component of the Screen Goo 3D two part video projection screen system; to be used in conjunction with, and applied subsequently to Screen Goo Max 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: 73g/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: 3.8
Volume Solids: 36.5-38.5
Viscosity: 26 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 100% acrylic water base or urethane modified acrylic primers only.
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 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.

Screen Goo Projection Screen Coatings

Max Contrast Reflective Coating

Description

Screen Goo Max 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 Max, Max+20, Ultra Max, Ultra Max+20, Ultra Silver 3D and High Extinction 3D Finish Coatings.

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: 80g/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: 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 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 systems.