

# 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.