



PREMIUM SAFETY BACKING CATEGORY II DATA SUMMARY

PRODUCT DESCRIPTION

A unique composite of copolymer film laminated to a bi-directional woven copolymer alloy to provide impact resistance in the shatter-proofing of mirrors. CRL Category II is designed to pass Category II shatter-proofing test, passing both vision and tape side tests. It provides trouble-free application with smooth laydown. No bubbling under extreme and adverse conditions. It has excellent adhesion to the mirror backing paints in international use, whether applied by spray, curtain or roller coating techniques. Special self-crosslinking, self-curing acrylic adhesive exhibits high initial tack, even under highly humid conditions. Adhesive strength increases with age to a truly permanent bond. Independent testing has shown the adhesive on CRL Category II to be non-contributory to copper and silver deterioration under normal ambients and when applied to paint-backed surfaces under salt spray conditions.

STANDARDS

Meets ANSI Z97.1-1984, HUD, CPSC, CAN 2-12.1, 16CFR1201 Category II
British Standards BS-6206 Class A, 400 fp

APPLICATIONS

Suggested for use as a safety backing on silvered float glass and fully tempered glass mirrors, when 400 foot pound test requirements must be met. Recommended for mirrored wardrobe doors, bi-fold doors, shower and tub enclosures and furniture mirrors.

TECHNICAL DATA			
		<u>IMPERIAL</u>	<u>METRIC</u>
ADHESION:			
Peel (PSTC #1)	Immediate	46.7 oz/inch width	13.2 N/2.5 cm
	20 min. dwell	65.5 oz/inch width	18.5 N/2.5 cm
Shear (PSTC #7)	Indefinite @	2 psi	13.8 kPa
MATERIAL: White or Grey copolymer film with bi-directional scrim			
ADHESIVE: Acrylic, self-crosslinking, resistant to moisture, high temperature, UV, chemicals, oils, abrasion, aging, mildew and fungus			
HIGH TEMP. RESISTANCE: 212°F 100°C			
STANDARD SIZES: Widths: 24" (610 mm), 36" (914 mm), 48" (1219 m), 60" (1524 mm) Lengths: 600 ft. (183 m) Core: 3" diameter (76.2 mm)			