



ARMADILLO SCRATCH RESISTANT COATING

“ARmadillo” is a scratch-resistant coating applied to the substrate surface for those demanding applications requiring abrasion, stain and solvent resistance. “ARmadillo” is used to increase and enhance the versatility of regular acrylic sheet and acrylic mirror.

Safer than glass and more economical than competitive products, “ARmadillo” is ideal for applications such as retail displays, table tops, door panels and other high traffic surfaces where the acrylic will be exposed. “ARmadillo” can be written upon with erasable pencils making it useful for such applications as scheduling boards and restaurant menus.

Fabrication procedures for “ARmadillo” are the same as for regular acrylic sheets and mirror.

“ARmadillo” is available in mirror acrylic and polycarbonate.

“ARmadillo is offered on one or two sides.



Abrasion Resistance Test

Test Method	Change in Haze	
	Uncoated Polycarbonate	ARmadillo
Steel Wool Rotary Test 12 and 15 psi 5 revolutions	25%	less than 1%
Taber Abrasion 500 grams - 100 revolutions	37%	less than 5%
Pencil Hardness	N.A.	6H
Eraser Abrasion	N.A.	0 rating

Chemical Resistance

Test Method	Results
Soft Cloth Soaked with: 1. Ammonium Hydroxide (100%) 2. Hydrochloric Acid 3. Acetone 4. Kerosene 5. Toluene Vigorous rub for 2 minutes	0.0% change in haze