

# AR2 Acrylic



## Scratch-resistant coating

Scratch-resistant coating is available on mirror acrylic, non-mirror acrylic, polycarbonate, and in many colors and thicknesses. Ideal for applications that require abrasion, stain, and solvent resistance, such as retail displays, table tops, door panels, and other high-traffic applications. AR2 acrylic can also be written upon with erasable markers, making it useful in scheduling boards and restaurant menu applications. The coating is available on one or two sides.

## Applications

Displays, table tops, door panels, writing boards

## Typical Properties

Test Method	Uncoated Polycarbonate	AR2 Acrylic
<b>ABRASION RESISTANCE</b>		
Steel wool rotary test, 12 and 15 psi	25%	Less than 1%
Taber abrasion ASTM D 1044		
500 grams – 100 revolutions	37%	Less than 5%
Pencil hardness ASTM D 3363	N/A	6 H
Eraser abrasions	N/A	0 rating
<b>CHEMICAL RESISTANCE – CHANGE IN HAZE</b>		
Ammonium hydroxide (100%)		0%
Hydrochloric acid		0%
Acetone		0%
Kerosene		0%
Toluene		0%

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.