



panoRama Innova Ice

An exclusive outside mount perforated window film designed especially for cold weather and difficult applications.

Specialty adhesive is formulated for extreme temperature resistance.

Available in a 60/40 film/open ratio.

APPLICATIONS

- Cold-Weather Applications
- Retail Windows
- Event Graphics
- Promotions
- Exterior Applications up to 2 Years

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MATERIAL

Face Film	Printable White Perforated PVC
Back Side	Black for Maximum Contrast
Adhesive	Removable Semi-Permanent Clear Solvent Acrylic
Liner	Universal Liner – 5 mil (135µ +/-10µ)
Film Thickness	6 mil (145µ +/-10µ)
Hole Diameter	1.5 mm
FR Certification	ASTM E84, M1, B1, DIN EN 45545-2

DURABILITY

Interior	Up to 5 Years
Exterior	Up to 2 Years - Vertical Exposure under Normal Conditions
Environment	Humidity & Solvent Resistance – Good
Shelf Life	1 Year
Storage Requirements	Store at 59°F to 68°F (+15°C to +20°C) and Relative Humidity between 45% to 65%
Repositionable	No

APPLICATION/REMOVAL

Application Temp	+5°F to +122°F (-15°C to +50°C)
Service Temp	-13°F to +158°F (-25°C to +70°C)
Removability	Clean Removal with No Adhesive Residue, up to 6 Months - Adhesion May Increase over Time
Removal Temp	+50°F (+10°C) or Greater
Exclusions	NOT to Be Applied to Fresh Paint, Polycarbonate, and Some PVC (No Exhaustive List Available)

Surface must be clean and dry. Prevent contact with solvent or ammonia-based cleaners. For best results, clean installation surface with a mild detergent and water and dry thoroughly. ALWAYS clean and dry glass surface prior to application. For full installation and removal recommendations, please refer to "panoRama Exterior Mount Perforated Window Film Application & Removal Guide."

*For critical substrates and all surfaces, please test PRIOR to application.



Printing Methods

- Digital – Solvent, Eco-Solvent, & Latex
- Screen Print
- Offset



Material Sizes

- 54" x 100'



Advantages

- The Only Choice for Cold Weather Installations
- Universal Liner for All Printing Methods
- Clean Removability (Up to 6 Months without Residue)
- Laminate with panoRama Cast or panoRama Protect for Maximum Protection and Durability

→ For more information

For additional product information, performance, and warranty guidelines please contact Quality Media and Laminating Solutions. 800-552-9427 • www.qmls.com