



NATHAN ALLAN
GLASS STUDIOS



CRACKLE

PRODUCT INFORMATION

BRILLIANCE OF DIAMONDS

Simulating cracked or melted ice, Crackle Glass is produced by using exclusive kiln formed glass fusing and laminating techniques. This Architectural Glass is composed of three layers of various textured glass types, which are fused together and laminated to mirror, to create safety glass. Ideally installed in cladding applications, light enters through the Crackle Glass and Textured Glass panel, while the mirrored back panel reflects the light back through the Crackle Glass. This reflective feature highlights the Cracked Glass, creating a sparkling effect that simulates the multi-faceted brilliance of diamonds.

Application :	Vertical Panels, Retail/Restaurant/Hotels Glass Partitions or Cladding
Collection :	Josiah J Collection
Series :	Crackle
Glass Type :	Clear / Low Iron / Tinted
Finishes :	Colored (Aqua Blue, Blue, Bronze, Black)
Max. Size :	4' x 4' (1.2 x 1.2 m) or 3 x 6' (0.9 x 1.8 m)
Thickness :	3/4" (19 mm)
Safety :	Laminated
Color:	Lucent, Gemstone, Metallic



PROJECT DETAILS

MAUBOUSSIN, NEW YORK

When French luxury jeweler Mauboussin approached Rockwell Group to design its new store, the prestigious design firm selected Nathan Allan Glass Studios Inc. to create a feature wall that would unify three floors of the store's showcases. Working in conjunction with Rockwell's designers, Nathan Allan developed a dazzling new product that calls to mind the chiseled surfaces of diamonds—Crackle Glass. The 12' x 30' high wall consists of glass in Fractured Forms of what resembles cracked ice that is melted onto a substrate panel. The panel is then laminated to a background mirror. Once completed, the mirror reflects intense light that passes through the wall, creating a sparkling effect that simulates the brilliance of diamonds.

To produce the three layers of low-iron glass and mirrored panels that give Crackle Glass its one-of-a-kind look, Nathan Allan's artisans employed fusing and laminating techniques to create the required overall thickness of 3/4 inch. The challenge of producing Crackle Glass lay not only in creating large panels, but also doing so in safety glass form, and was skillfully handled by Nathan Allan's specialized glass experts.





Photographer: © Bärbel Miebach

Collection: Josiah J

Series: Crackle

Texture: CRACKLE

Glass Type: Clear, Low Iron

Dimensions: 4'0 x 4'0 x 1" thick (1220mm x 1220mm x 25mm)

Client: Mauboussin, NY

Designer: Rockwell Group, NY

Installer: AVAL