

Application Story

ACRYLITE® Satinice

Product's Frosted Texture, High Light Transmission Essential For Unique Design



Market segment: Signage
Location: Springfield, Illinois
Product: ACRYLITE® Satinice

Evonik Cyro's ACRYLITE® Satinice acrylic sheet, formerly called ACRYLITE® Crystal Ice, was used to create one of the world's largest diamond sculptures measuring 8-foot-tall. The unique sculpture was designed as a sign to promote Denney Jewelers in Springfield, Illinois.

Ace Sign Co., Central Illinois' largest sign manufacturer, developed and produced the two-ton diamond sculpture.

"We didn't want a traditional sign. We strived to make something more exciting and Evonik Cyro's ACRYLITE® Satinice proved to be an excellent solution for achieving such a unique design," said Scott Bringuet, manager of Sales and Design at Ace Sign Co. "The acrylic sheet's frosted and abrasion resistant texture mimicked the exterior and durability of a diamond. It also had excellent



Description of the application: Signage in Retail
Fabricator: Ace Sign Co.

light diffusing properties and high light transmission, which gave the diamond the ability to 'glow' with the 2,000 LED lights behind it."

Antoinette Spages, product manager of Acrylic Sheet Specialties at Evonik Cyro, said she was impressed with the way that ACRYLITE® Satinice was used. "Evonik Cyro is known for its innovative acrylic products and it is always a thrill to see our customers create unique and inspiring designs with our material," says Spages. "Satinice is such a versatile product that offers a variety of excellent design possibilities for signage, Point-of-Purchase (POP) store fixtures and decorative glazing applications, however, this type of outdoor illuminated structure is definitely a first."

The ACRYLITE® acrylic sheet was obtained through ACI Plastics, a St. Louis, Missouri, distributor and fabricator of plastic sheets, rods and tubes.

Evonik Cyro LLC
Acrylic Polymers
299 Jefferson Road, Parsippany, NJ 07054, USA;
cyroemail@evonik.com www.acrylite.net www.acrylite-shop.com