FLEXIBLE *by* DESIGN

Turning the Ordinary Into Something Special

Bent glass, colored glazing and irregular surfaces are all possible with UVEKOL®. And because of its strength, it can be used for a variety of demanding architectural and structural applications.

HARMONY

The picturesque Albis Church, located in the Swiss Alps, was recently renovated. The church was in dire need of better insulation against icy winter temperatures, but everyone concerned was anxious to retain the serene effect created by the church's antique stained glass.

Combining modern technology and ancient artwork in a single glazing system of this complexity had never been accomplished before. Urs Reinhard of Glas Reinhard in Lucerne immediately recognized that UVEKOL offered the perfect solution.

"The rough texture and uneven surfaces of handmade glass does not readily permit any other attracting mechanism," says Reinhard. "The only products that allow you to do this are UVEKOL® and silicone. The biggest advantages of going with UVEKOL® were cost and easy manipulation. Since it is a liquid, UVEKOL® flows automatically into every cavity and ensures that both the panel and the strip are uniformly attached."

BENT GLASS

CRYSTAL CLEAR

The clear, majestic curved corners of England's Jubilee Building were a challenge to create, to say the least. "There is inevitably a slight loss of optical quality when bending glass," says Ken Woodstock, Managing Director at Novaglaze. "But UVEKOL® minimizes the distortions and corrects slight imperfections that result from the bending process."

Even more impressive is UVEKOL'S durability, delivering impact resistance on uneven surfaces. "UVEKOL® has intrinsic strength," says Woodstock. "Even if the glass is struck with enough force to shatter it, UVEKOL'S strength can allow it to hold its shape."

Each corner window of the Jubilee Building is made of two layers of laminated glass. The outer layer consists of two sheets of 4mm green glass laminated together, while the inside layer features two pieces of 4mm laminated low E glass. These 1 meter x 2.5 meter sheets were all laminated with 1.5 mm of UVEKOL®.

"UVEKOL'S smooth flowing character was vital in this process. Without it, the project would have been virtually impossible."

—Ken Woodstock, Managing Director–Novaglaze

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*Please consult the UVEKOL® Manufacturing Manual for exact instructions on properly laminating glass with UVEKOL® A.

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