



## **Cabot Corp. and Westcrowns Announce New Pilkington Profilit™ Translucent Structural Glazing System With Nanogel®**

May 12, 2004

**Architects To See Benefits of New Glass Design Options at American Institute of Architects (AIA) Show in Chicago, IL, June 10 - 12, 2004, Booth 1565 & 1185**

(Boston, MA and Ocean Isle Beach, NC) - May 12, 2004 - Westcrowns, Inc., an innovative leader in structural glass glazing systems and a member of the Westcrowns Group, has developed a new Pilkington Profilit™ translucent linear structural glazing system filled with Nanogel® translucent aerogel, a lightweight highly insulative material made exclusively by Cabot Corporation (NYSE: CBT).

With the introduction of Nanogel to the Pilkington Profilit system, Westcrowns has created an advanced insulated glass glazing system that maximizes insulation performance, light transmittance and resistance to condensation. The Profilit with Nanogel system will be showcased at the American Institute of Architects (AIA) show in Chicago, IL, June 10 - 12, 2004, Booth 1565 and 1185.

Pilkington Profilit is a translucent linear structural glazing system that permits exciting architectural effects. It is a simple concept of self supporting glass channels within an extruded metal perimeter frame permitting a cost-effective cladding system adaptable to almost any building design including curved constructions.

Nanogel translucent aerogel material is the unique insulation inside Pilkington Profilit. Aerogel materials are known as the best insulating and lightest solid materials in the world. Manufactured exclusively by Cabot through its patented process, Nanogel is a highly light transmissive, lightweight, nanoporous material, and is permanently hydrophobic, making it both moisture and mildew resistant.

"Pilkington Profilit with Nanogel enhances the architect's ability to design in glass while meeting building codes," said Westcrowns President Geoff Card. "We believe our expertise in glass glazing systems combined with Cabot's revolutionary insulation material will provide customers with state-of-the-art buildings and unmatched energy efficiency."

Pilkington Profilit translucent linear structural glazing systems with Nanogel aerogel are expected to bring a wide-range of benefits to building applications including:

- Improved thermal and acoustic insulation of the building structure
- Reduced energy consumption
- Higher quality light transmission, with 0% UV transmission
- Permanence of performance
- Resistance to growth of mold and mildew
- Aesthetic effects of glass when viewed from either the exterior or interior of a building.

Nanogel-based fenestration systems are also available in fiberglass and polycarbonate materials.

### **About Westcrowns, Inc.**

Westcrowns, Inc., a member of the Westcrowns Group, designs and supplies Pilkington Profilit translucent linear structural glazing systems where glass performance meets or exceeds building code criteria for thermal insulation and light transmission. Profilit has been used throughout Europe for 40 years, and is now being recognized in North America as an innovative alternative to conventional glass products. Westcrowns Inc. has established partnerships with regional architectural glazing companies to ensure the availability and installation of Profilit throughout North America. [www.westcrowns.com](http://www.westcrowns.com).

### **About Cabot Corporation**

Cabot Corporation is a global chemical specialty and materials company and is headquartered in Boston, Massachusetts, USA.

Cabot's major products are carbon black, fumed silica, inkjet colorants, capacitor materials, and fine particles, comprising carbon, metals and metal oxides. Cabot operates 40 manufacturing plants located in over 23 countries around the world. [www.cabot-corp.com](http://www.cabot-corp.com) or [www.nanogel.com](http://www.nanogel.com).