



## News Release

**Contact:** Karen Zipfel, 770.840.6449

October 15, 2007

### **2007 Solar Decathlon Feature Alcoa Building and Construction Systems' Products**

NORCROSS, Ga.--Alcoa announced today that products from two of its Building and Construction Systems businesses – Kawneer Company and Alcoa Architectural Products – are used extensively by a team from Georgia Institute of Technology in the 2007 Solar Decathlon now taking place in Washington, D.C. This week, 20 teams from colleges and universities from around the globe are participating in the competition to design, build, and operate attractive, energy-efficient solar-powered homes transforming the National Mall into a solar village. The team from Georgia Tech is sponsored in part by Kawneer and its sister company, Alcoa Architectural Products.

The 800 square-foot homes must be powered entirely by the sun, challenging the teams to design and build with innovative materials and concepts. The Georgia Tech team, led by the College of Architecture and made up of more than 80 students and faculty members, began work on the design and construction of the home in spring 2006. Georgia Tech's energy-efficient house features Kawneer's 190 Standard Entrances, Trifab® VersaGlaze® 451 framing, Storefront GLASSvent™ windows, and 1600 SS™ (Screw Spline) curtain wall. Kawneer products were primarily selected for the aesthetics of the house and because aluminum is recyclable. The house also features Alcoa Architectural Products' Reynobond® Aluminum Composite Material (ACM). Reynobond® ACM was chosen for its aesthetics and because the aluminum used in making Reynobond® ACM has a high recycled content.

Georgia Tech and the other 19 teams have transported their solar houses to Washington, D.C., where they are competing in 10 contests to determine an overall winner. Following the competition, Georgia Tech's house will return to the school where it will operate as a renewable energy demonstration tool and research lab, as well as serve students interested in contemporary ecological design.

“We’re very proud to sponsor the Georgia Tech team in this endeavor,” said Clive Copsey, Global Director, Innovations, Alcoa Building & Construction Systems. “And because the Solar Decathlon promotes the research and development of energy efficiency and energy production technologies, it is truly a ‘win-win’ situation.”

For additional information on the Solar Decathlon 2007, go to [www.solardecathlon.org](http://www.solardecathlon.org). To learn more about Kawneer and its products, please visit [www.kawneer.com](http://www.kawneer.com).

To learn more about Alcoa Architectural Products visit [www.alcoaarchitecturalproducts.com](http://www.alcoaarchitecturalproducts.com).

####

#### **About Kawneer**

With more than 100 years of innovation and experience, Kawneer North America is headquartered in Norcross, GA, and is the leading manufacturer of architectural aluminum products and systems for the commercial construction industry. Kawneer is part of Alcoa’s global Building and Construction Systems (BCS) business unit headquartered in Geneva, Switzerland. Alcoa BCS manufactures and markets architectural systems and products in North America, Europe, Asia and the Middle East. Alcoa is the world’s leading producer and manager of primary aluminum, fabricated aluminum, and alumina facilities, and is active in all major aspects of the industry. For more information on Kawneer or its products, please visit [www.kawneer.com](http://www.kawneer.com).

#### **About Alcoa Architectural Products**

Alcoa Architectural Products (USA) offers cladding products for exterior and interior applications, including specialty applications such as corporate identity programs. All products are available in a wide range of architectural colors and finishes. Alcoa Architectural Products is part of Alcoa’s global Building and Construction Systems (BCS) business unit headquartered in Geneva, Switzerland. Alcoa BCS manufactures and markets architectural systems and products in North America, Europe, Asia and the Middle East. Alcoa is the world’s leading producer and manager of primary aluminum, fabricated aluminum, and alumina facilities, and is active in all major aspects of the industry. For more information on Alcoa Architectural Products, please visit [www.alcoaarchitecturalproducts.com](http://www.alcoaarchitecturalproducts.com).