
Hydro Aluminium to deliver energy efficient solution for Spiegel

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Hydro's Wicono brand is going to deliver energy-saving aluminium building systems for Spiegel Group's new headquarters in Hamburg. This is a prestigious project that will change the look of the city and its harbour area.

Technology for ideas is Wicono's new brand slogan. The brand intends to prove, with the Spiegel deliveries that the slogan is right on target, and that this particular architectural design can become reality. Wicono will deliver a range of special solutions for the "Ericusspitze" project, as it is being called, to fulfill all the project's technical, visual and ecological requirements. Indeed, a wide range of specific system constructions and profiles had to be designed in order to meet all requirements and Wicono's project department accomplished what it set out to achieve.

The Spiegel buildings will receive a combination of double skin facades with wood compound windows and triple glazing, a stick system curtain wall in structural glazing technology and a number of aluminium windows.

The energy and services technology concept of the building will integrate aspects like ecology, economy and social integrity. Sustainability was the key word for the integrative planning of the project.

All curtain walls are energy optimized. The façade units with a width of 1.35 meters comprise a transparent fixed glazing and an opaque sash of 40 centimeters and provide the buildings with an overall transparent surface of 50%.

The aluminium frame constructions will be prefabricated in units by the metal building company Schindler GmbH and then installed on site. This production process guarantees short production and assembly times as well as high manufacturing quality in the company workshop. The entire building is planned to be finished by the end of 2010.

(Sourced from Azom.com)

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