

THERE'S LITTLE THAT YOU CANNOT DO WITH ARCHITECTURAL GLASS

From sustainable architecture to stunning visual effects, speakers at the 100% Detail conference programme will demonstrate some of the wide range of applications architectural glass offers. With Schott Glass as the design partner for the conference, prize-winning Architect Esau Acosta Perez, Roland Neuner from Schott Solar and Eric Parry Architects will observe the stunning creative possibilities glass can bring to an installation.

On Thursday, 18th August, Esau Acosta Perez reviews the design and construction process of the memorial at Atocha train station in Madrid. Commemorating the victims of the 2003 terrorist attacks, the monument consists of 15,000 curved glass bricks forming an 11m-tall cylinder. On the inside, thousands of condolence messages from the days after the attack are inscribed on the stones.

Esau's presentation will focus on the interplay between the glass tower and the underground presentation room. Light filtering through the glass bricks is directed towards a blue chamber on the ground that is accessible to the public via Atocha train station, inviting them to read the messages of grief. Reflections from the blue surfaces inside and the glare of the sunlight outside produce an ethereal glow around the monument, creating the impression of a "shimmer of hope" rising up towards the city from the depth of the train station as the "site of sorrow".

On Friday, visitors have the chance to find out about the use of glass in solar power systems. Roland Neuner, Sales Director at Schott Photovoltaic Building Solutions, explains the photovoltaic installation at the Stillwell Avenue Terminal on Coney Island, New York. In addition to being the first application of this kind, it is among the largest in the United States. Combining the need for shelter and daylight with the production of electrical energy, low-cost thin-film photovoltaic panels were incorporated into the steel and clear glass structure overarching the platform. Samples of these panels can be seen at Schott's stand G60.

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Yet another take on the opportunities architectural glass has to offer is presented by Eric Parry Architects. They specified NARIMA, a dichroic colour effect glass that is showcased on Schott's stand, to add visual impact to an office development at Threadneedle Street in London. On the first floor, stripes of curved and flat NARIMA were installed, forming the outer, single glazed part of the double wall arrangement. On approaching the building, the combination of high and low refractive layers on the glass produces a kinetic polychromatic effect.

For more information on Schott Glass please visit www.schott.com/uk

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About SCHOTT

SCHOTT is a technology-driven, international group that sees its core purpose as the improvement of how people live and work through expert solutions in specialty materials, components and systems. Its main areas of focus are special glasses and glass-ceramics for architectural applications, the household appliance industry, pharmaceutical packaging, optics and opto-electronics, information technology, consumer electronics, lighting, automotive engineering and solar energy.

SCHOTT has a presence in close proximity to its customers through highly efficient production and sales companies in all of its major markets. It has more than 17,000 employees producing worldwide sales of approximately £1 billion.

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