

«Two Lines» installation, Royal Festival Hall, London

Project. Size+Matter, part of the annual London Design Festival began in 2007 to showcase and investigate the potential of new materials. These temporary installations at the world's largest design event are a trendsetter for leading architects, corporations, partners, and sponsors to present their ideas for future design, materials, and processes. Over the course of nine days, around 300 topical events take place, strengthening London's reputation as the creative capital of the world. Possibilities for co-operation in other architectural projects arise out of conceptual collaboration in this urban environment.

Concept/Design. The installation «Two Lines» by David Chipperfield Architects with SEFAR® Architecture VISION fabric simultaneously delighted and intrigued visitors to Size+Matter in September 2011. The concept of «Two Lines» is a focus on the interplay of orthogonal forms with simple vertical elements. The fabric inserts with copper and aluminum coatings ensure the strong material-like appearance of the

glass surface, creating different visual experiences both internally and externally, and demonstrating the scope of this creative fabric remarkably well.

Construction. For this impressive construction, the designer used laminated glass with SEFAR® Architecture VISION, a innovative fabric with a single-sided metal coating. «Two Lines» is a sculptural dialogue between two identical forms, differing from one another only in their orientation and the metal finishes of the fabric. Each form consists of a series of unframed glass panels with translucent, single-sided, metal coated fabric insets embedded in laminated glass with a DuPont SentryGlas® interlayer.

The 28 identical vertical glass panels measure 3600 x 1200 mm. At the upper end, they are attached to horizontal glass panels up to five meters in length by means of colored metal connections which are set 10 mm inwards on each side to highlight the materials used. The excellent load-bearing capacity of the SentryGlas® interlayer also ensures the safety and stability of the whole installation.

Project/Location: Size + Matter, London, UK, www.londondesignfestival.com/project/sizematter

Architect: David Chipperfield Architects, London, UK, www.davidchipperfield.co.uk

Glas manufacturer: BGT Bischoff

Glastechnik, Bretten, Germany,

www.bgt-bretten.de

Inglas GmbH & Co. KG, Friedrichshafen,

Germany, www.inglas.de

Glas Trösch Swisslamex AG, St.Gallen-Winkeln, Switzerland, www.glastroesch.ch

Foil: SentryGlas® supplied by DuPont,

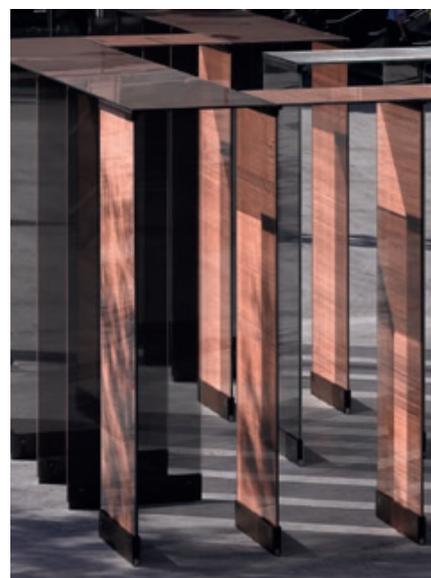
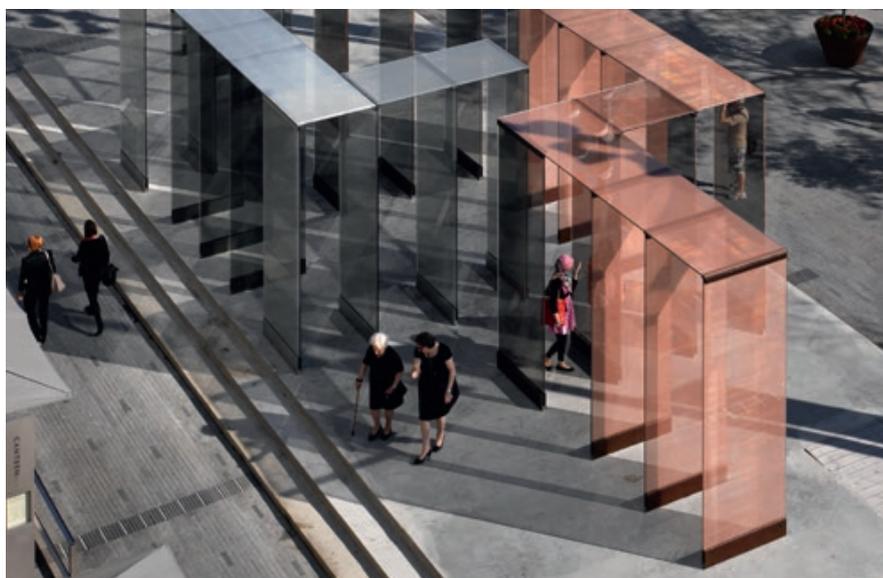
www.sentryglas.com

Engineering: Arup, UK, www.arup.com

Fabric: SEFAR® Architecture VISION

AL 140/50 and CU 140/50

Photos: Richard Bryant, arcaidimages.com



ARCHITECTURE
fabric & glass

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