

Sika at Work



## Riverbank House, London

Glass Wall Grouting with SikaGlaze® and Sika® Icosit®





## Project Description and Requirements

Riverbank House is an office building in the heart of London and, as its name tells us, at the banks of River Thames. With its balconies this building really became an eye catcher. Mechanical fasteners at the glass balustrades would have transferred high punctual stress to the glass with thicker glass panels as the consequence. Therefore the glass balustrades had to be fixed to the floor with the lowest stress possible on the glass pane.

## Sika solution

The bottom glass edges of the balustrades are embedded in the floor with self-leveling, high-strength fast-curing 2-part PU system **Sika® Icosit® KC 340/7**, resulting in uniform stress distribution and thus reduction of high punctual stress. In this outdoor application a bead of **Sikasil® WS-605 S** protects the PU against UV radiation.

Meanwhile **SikaGlaze® GG-735** with slower curing speed has been developed, allowing very convenient application on site.

In the curtain wall façade **Sikasil® SG-500** was used as structural glazing adhesive and **Sikasil® WS-605 S** for weathersealing.

Our most current General Sales Conditions shall apply. Please consult the Product Data Sheet prior to any use and processing.

[www.sika.com/ses](http://www.sika.com/ses)



## Sika Products

**SikaGlaze® GG-735, Sika® Icosit® KC 340/7, Sikasil® WS-605 S, Sikasil® SG-500**

## Project Participants

Project Name and Location: Riverbank House, London, United Kingdom  
 Architect: David Walker Architects  
 Facade: Josef Gartner GmbH  
 Project finish: 2011

