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## PRESS INFORMATION

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### **NEW REHAU GENE<sup>®</sup>O WINDOWS HELP BUILDING CENTRE TARGET BREEAM EXCELLENT RATING**

The London Building Centre is proving the perfect location to showcase the new super energy efficient windows manufactured in REHAU's advanced GENE<sup>®</sup>O profile system.

On the first floor of the building in Store Street, seven tilt and turn GENE<sup>®</sup>O windows have been installed to replace 1960s aluminium frames as part of an overall refurbishment programme which is aiming to achieve a BREEAM Excellent rating.

The windows were manufactured and installed by specialist commercial fabricator Solar Windows, based in Caerphilly using REHAU's GENE<sup>®</sup>O system which incorporates the new high tech fibre composite material branded RAU-FIPRO<sup>®</sup>.

RAU-FIPRO<sup>®</sup> is extruded in a self reinforced six chamber profile design which does not require additional steel, thus eliminating the thermal bridges through which energy can be lost in conventional PVC-U frames. Triple glazed and Argon filled, the GENE<sup>®</sup>O windows achieve a U<sub>w</sub> Value of just 0.73 W/m<sup>2</sup>K.

The newly refurbished first floor of the Building Centre is being occupied by both the Construction Products Association and UK Green Building Council, both of whom have endorsed the refurbishment as a means of demonstrating how even a building which is approaching 100 years old can be refurbished to BREEAM Excellent standards.

Alongside the replacement windows, the first floor at the Building Centre also now features new low energy lighting, an air conditioning and heat recovery system, solar water heating and high specification insulation. The U<sub>w</sub> Value of the windows has been improved from 4.5W/m<sup>2</sup>K to less than 0.8 W/m<sup>2</sup> utilising the triple glazed GENE<sup>®</sup>O solution.

The majority of the products have been supplied by companies which are either, like REHAU, tenants of the Building Centre or exhibitors in its product galleries and the installation forms a fully functioning exhibit.

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NOTES TO EDITORS:

1. REHAU Ltd is part of the globally operating polymer processor REHAU. Market specific know-how from the three business units Building Solutions, Automotive and Industry is rigorously linked by REHAU to deliver market leading product, consulting and service innovations.

The Building Solutions division is focused on energy efficiency. It is one of the world's largest extruders of PVC-U window profile and also supplies underfloor heating, heating and plumbing, cable management and a growing range of renewable energy and water management systems. In the UK and Ireland, REHAU supplies a nationwide network of customers through regional sales offices in Dublin, Glasgow, Manchester and Slough. It has also invested in the London FORUM, a dedicated facility at the Building Centre to showcase its products and services to clients and specifiers.

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