

PRESS INFORMATION

AUGUST 2011

NEW SCHUECO WINDOW ACHIEVES PASSIVHAUS INSULATION LEVELS

With a whole window 'U' value of 0.8 W/m²K, the pioneering new AWS 90.SI aluminium window system from building envelope and renewable energy specialist Schueco UK Limited, achieves PassivHaus levels of insulation – previously only obtainable using PVC-U or timber – in a frame depth of just 90 mm.

Designed for use with triple-glazed units delivering a 'U' value of 0.6 W/m²K, this elegant window is ideal for use in highly insulated residential or commercial buildings. Also available is a matching glazed door system, designated ADS 90 PL.SI, which delivers an impressive 'U' value of 1.0 W/m²K and a water tightness rating of 300 Pa.

With a full range of profiles, together with size options for vents, outer frames and mullions/transoms, the Schueco AWS 90.SI inward opening window system is exceptionally versatile. Possible configurations range from simple tilt turn opening lights to floor-to-ceiling window walls; it can also be inserted directly into Schueco façades, including the .SI (super insulation) versions which have been successfully tested to the CWCT performance standard.

The windows can be manufactured using the Schueco AvanTec range of concealed fittings allowing vent weights up to 160kg and security options up to Class 3 of EN 1627. The advantages of these concealed fittings include tested performance, clean lines and no problems with plaster lines or colour co-ordination with the frame. Profiles can be colour-coated or anodised, with different colours on the inside and outside faces if required.

For further details about AWS 90.SI and the full range of aluminium façade, window and door systems available from Schueco UK Limited, go to mkinfobox@schueco.com

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Schüco – Green Technology for the Blue Planet

That means clean energy from solar products and windows. And the contribution that Schueco makes to the environment with pioneering building envelopes. To be more precise, with Energy³: Saving Energy – Generating Energy – Networking Energy. Window and façade systems not only save energy due to optimum thermal insulation, they also generate energy thanks to efficient solar solutions. This creates an excess of energy which can be used by means of intelligent networking. For building functions, as well as for everyday life. The result is a significant step towards energy self-sufficiency. Towards the sustainable conservation of natural resources. And for a secure future. With more than 5200 employees and 12,000 partner companies, Schüco is active in more than 75 countries worldwide and achieved turnover of 2.38 billion euros in 2010.