

# New Window System with Style and Performance for Homes

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Wednesday, 22 December 2004

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A new high performance window system, Samson, has been launched by specialist building component supplier Octaveward. Using a pultruded glass/polyester composite, the windows offer more choice of colours than PVCU and the freedom from maintenance of architectural aluminium.

Samson frames are suited to new build or refurbishment projects and have a catalogue of customisation options that will appeal to even the most discerning householder. Best of all, the frames offer exceptionally long life, high thermal performance and low lifetime cost of ownership.

Frames can be fabricated in traditional or modern styles. Internally bonded corners are clean, without unsightly seams. A vast range of long life matt or silk colour finishes, guaranteed for 15 years, give the architect new options. Internally, there is an option to finish the frames in natural wood veneer to add warmth and character. Standard 24mm double glazed units can be fitted with plain, patterned, leaded or decorated glass to suit the style of property and customer taste.

The exceptional strength, durability and freedom from maintenance of the Samson frames are due to the precision profiles from which they are constructed. Glass composite construction gives the frames strength and impact resistance without the need for metal reinforcement. Frames carry a 35 year warranty and have a projected design life of over 60 years. Proven in the extreme climates of Canada and Scandinavia, the frame material meets the British Standards severe rating for wind and water tightness, thermal conductivity and enhanced security.

The Samson frame addresses the need for energy efficiency and sustainability. It meets the latest Building Standards requirement for thermal efficiency with a maximum U value of 2W/m<sup>2</sup>K. Eliminating metal reinforcement in the frame means there are no cold bridges. Special glazing and frame insulation options may reduce heat loss even more. Their extended life and low maintenance means Samson frames achieve a low lifetime cost of ownership.

Samson Windows are just one product from Octaveward that make the built environment more efficient, comfortable and attractive. A comprehensive range of doors, canopies, porches and bespoke fabrications are available. The company is happy to advise on selection and offers a complete installation service.

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High/low resolution images are on the web at [www.ainsmag.co.uk/oc222/3885oc1a.htm](http://www.ainsmag.co.uk/oc222/3885oc1a.htm)