

Winframer Finds Favour At MK Resi Refurb

ISO Chemie's thermal insulating and load bearing bracket support system has been specified for a major housing refurbishment programme.

The move sees dozens of Winframer units being retrofitted by Potton Windows on pre-fabricated residential properties on a Milton Keynes housing estate over the next two years as part of a window upgrade investment project.

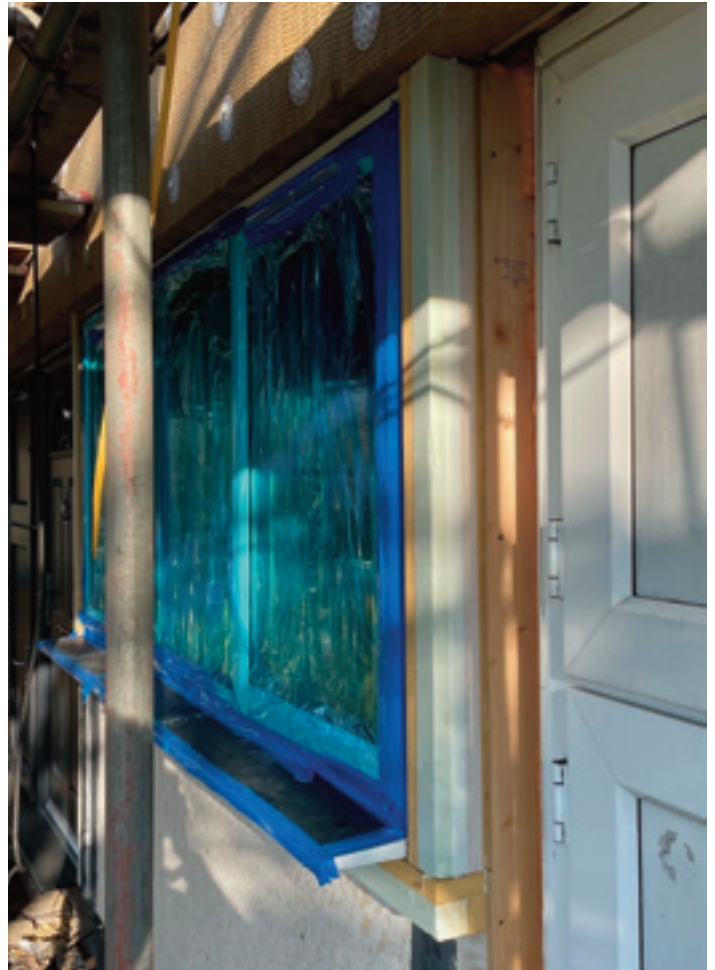
The use of Winframer will help to provide improved standards of thermal insulation, eventually bringing the properties up to zero carbon ready standards and delivering energy efficiencies for

home owners together with long-term cost savings.

Passivhaus certified and fire rated to up to 30 minutes, Winframer is a prefabricated installation frame, manufactured to accommodate cavities up to 250mm that allows windows to be supported independently from the face of the wall regardless of any external cladding being in place.

Quick and easy to install, the product's application alongside the new window units is already reaping benefits for some homeowners, who are seeing a reduction in their heating usage. ■

www.iso-chemie.co.uk



Door Hinge With Quick-Fit Magnetic Tech

Mila's popular Evolution high security hinge has 'evolved' for composite doors, with a new version featuring magnetic, quick-fit technology for the first time.

The new Evolution hinge for composite doors incorporates high strength magnets in the sash part and the lid which means the fabricator simply has to locate the hinge lid over guide fins on the inside edge of the sash part and bring the magnets together to secure it firmly in place.

There is no drilling or screwing required and no need for a jig. There's even no need to fit end caps because the lid has a clever all-in-one design, negating the need for separate hinge caps or covers.

Mila says it is a quicker, simpler and more efficient option for fabricators, with full accreditation to PAS24: 2022 and SBD – so no compromises on security.

In terms of aesthetics, the new Evolution hinge for composite doors has a slim design and overlaps the frame profile by just 5mm to allow for maximum plaster line clearance. For replacement installations, that reduces the need for frame extensions; and, for new build, it allows for a smaller frame profile to be fitted which can be useful in complying with the larger clear opening requirements of Approved Doc M of the building regulations. For Approved Doc L compliance, it also leaves room for thicker plasterboard to be fitted around

door reveals to increase energy efficiency. ■

www.mila.co.uk



Aluminium Reverse Butt Joint Launched



www.sheerline.com

Sheerline has launched a reverse butt joint for the aluminium Prestige window system. A new patented, precision-machined, aluminium T cleat will enable Sheerline customers to offer fully internally beaded aluminium windows.

Those windows will feature both opening vents and fixed panes. It will streamline the fabrication and installation process, enabling fabricators to manufacture the reverse butt joint using Sheerline's newly introduced Prestige Z transom.

This solution eliminates the need for external glazing, reverse adaptors and dummy sashes, therefore saving time and money. The reduction in materials, manufacturing and labour costs also adds to the appeal of the product and opens a realm of opportunity in the specification sector.

Large-scale commercial projects and tenders, where efficiency is key, will benefit from

the streamlined approach offered by the Z transom. For instance, it's the ideal option for projects that require fully internally glazed windows and reduces the need for scaffolding as glazing and remedial work can be carried out from within a building.

In addition, the reverse butt joint uses less material when compared to windows that use a dummy sash, which reduces waste and saves time. Saving 20% on material and labour costs when compared to a window featuring a dummy sash rather than a fixed light.

As well as making the installation process quicker and more efficient, there are also visual benefits to consider. For example, the discreet joints give a sleek, modern appearance, adding value to both the visual aesthetic of the window overall and the installation. [i](#)

Warm Roof Warning

The emergence of the solid roof market has been in response to there being two million conservatories in the UK that are in need of upgrade, claims Chris Cooke (pictured) of Prefix Systems. But not all solid roofs are warm – and cold roofs cause condensation.

Cooke says: "The replacement of a roof gifts homeowners the opportunity to re-ignite the enjoyment of an additional room all year round. We're also seeing strong sales of new installations too as the glazing industry moves further into the realms of the single-story extension market.

While 'warm roof' design is the accepted as the best standard for roof construction in the UK, we're

seeing some adoption of timber cold roofs (that are often mismarketed as warm), which are already suffering from condensation nine months of the year. Some of the cold roof samples we have are shocking too with the timber cassettes loosely fitting between the rafters.

"We've assisted several trade partners and consumers with our WARMroof, to replace a failing cold roof. The perils of these 'inferior' roof types is considerable with the threat of condensation, the emergence of mold and even rotting timbers over time. Surely as an industry we



www.prefixsystems.co.uk

must focus on the supply of roofs that are 'warm' by definition and not just in name.

"And if anyone's in any doubt, a 'warm roof' enjoys full insulation above the rafters and not just loosely in between as defined by the wider construction and roofing sectors. You have been warned." [i](#)