

Roofing for the future

by Nu-Lok™ and Kingspan



GUARANTEED FOR 50 YEARS



Successful Case Studies



Photograph of the finished Southport Community Centre



Photograph of Yew Tree House Apartments, Calderstone, Liverpool

Stunning new community centre for Southport

Southport Community Centre is a prestigious new development for the community of Southport. The main contractor, Galiford Try Construction utilised the revolutionary Nu-lok Roofing System in conjunction with Kingspan Ts 1000 metal panel system.

Galiford Try Construction were not only under pressure working on really strict time constraints on this project but to also under pressure to deliver a very high specification project for the local authority. Nu-loks revolutionary ceramic slate system achieved all their criteria.

Galiford Try Construction appointed Helix Roofing Systems as the roofing contractor and this was their first experience of fixing Nu-lok Roofing Systems. Jeff Taylor of Helix Roofing commented, "the Nu-lok system was an excellent system to fix. Fast, easy and most of all it looks fantastic".

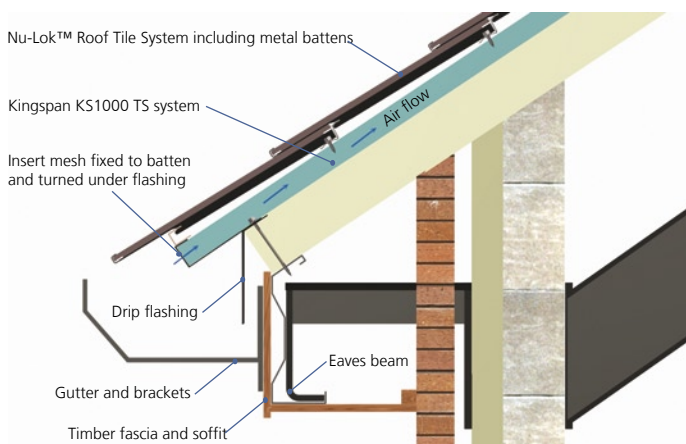
Warm Support for Prestige Apartments

A quiet roofing revolution started with the use of an innovative product from Kingspan Insulated Panels on the exclusive Yew Tree House apartments at Calderstones, Liverpool. Under the Nu-lok vitrified ceramic slate roof tiles lies a thermally efficient, airtight foundation provided by Kingspan's KS1000 TS insulated tile support system.

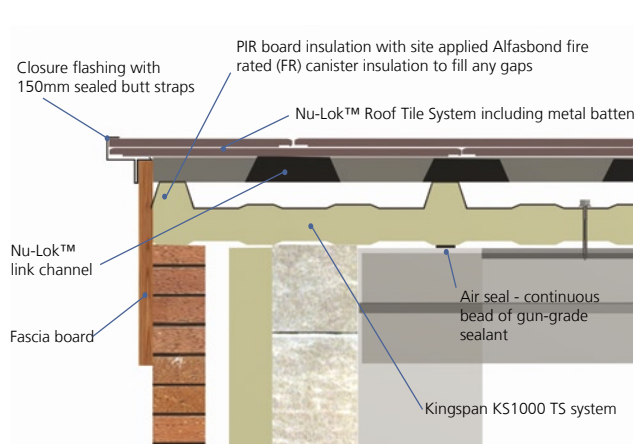
The 12 luxury apartments feature roof terrace gardens and secure underground parking. Thanks to the thermal properties of KS1000 TS, the 600 m² roof also offers state of the art energy efficiency, adding to the style and comfort of the properties. Developers Ashbury Homes are the first housebuilders to use the Kingspan tile support system with Nu-lok range of roof tiles or slates.

Ken Carmichael from Ashbury Homes said: "This is a very user friendly product offering long term performance with ease of installation. Training in house operatives has allowed us savings over a number of projects along with keeping direct control of cost, programme and quality. Kingspan gave a clear quality control route, and the fact that the products could be tracked from production to delivery added confidence in what we were buying and installing. The whole experience worked very well and we shall certainly be using the Tile Support System again."

Nu-Lok™ Eaves Detail



Nu-Lok™ Verge Detail



Nu-Lok™ Roofing adds the prestige whilst Kingspan provides the insulation

Nu-Lok™ Roofing Systems (UK) Ltd and Kingspan are working in close co-operation to provide a roofing system which is attractive, well insulated, light-weight, and quick to install.

The Kingspan KS1000 Insulated Slate and Tile Support System allows the building to be made weathertight at an early stage in the construction programme, accelerating the start and completion of internal fit-out trades and enabling earlier client handover.

The addition of Nu-Lok™ Ceramic Slate brings a refreshing newness into roofing. The Nu-Lok™ vitrified Ceramic Slate tile is guaranteed colourfast for 50 years. It simply will not fade over time. Baked at 1200°C this 400 x 400 x 10mm tile has more than enough strength to retain the weight of a roofer and takes the words “fragile material” out of roofing. Whilst trafficking a tile or slated roof is not recommended, it is always a continuing problem on both new and re-furbished roofs.

The Nu-Lok™ Roofing System is based upon 1.2mm gauge galvanised steel battens that are ideally suited for the metal top sheet of the KS1000 TS. Nu-Lok™ metal battens provide additional strength and stiffening to the entire roof installation and a safe and strong ladder way for roof tilers. In addition, metal to metal fixing promotes the opportunity for the battening to be fixed on site by the roof panel installation crew.

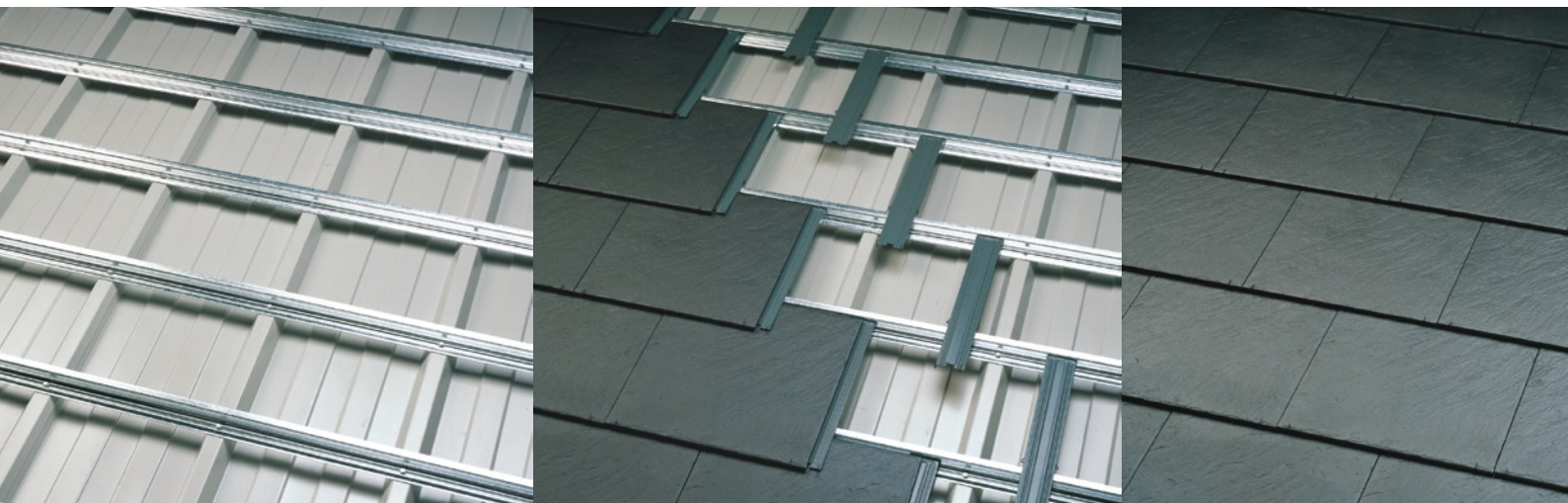
The advantages, however, only begin there. The uniqueness of the Nu-Lok™ Roofing System, which was developed in Australia some 15 years ago, provides for the roof covering to be securely clipped on to the battens, reducing the time required for installation without affecting the robustness of the system or its attractive appearance.

Therefore, whilst Nu-Lok™ provides a strong roof covering, the unique Link Channel design which provides side lap weathering and ceramic slate retention, also enables the interchange of individual tiles in seconds without resort to mechanical fixings or any tools.

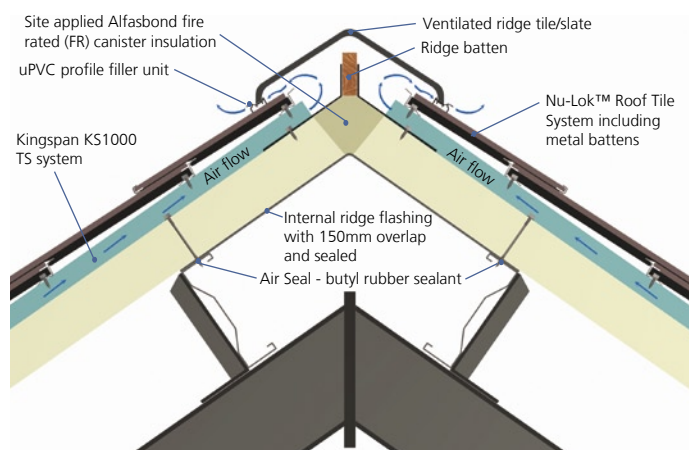
One further benefit to designers and developers alike is that natural roof slates may be substituted for the Nu-Lok™ Ceramic Slates. Should this be the design preference, then natural slates are used in a single lap format which effectively reduces the quantity, weight, labour and cost of slate material.

Kingspan KS1000 TS System is complemented by the addition of the Nu-Lok™ Roofing System and gives Designers and Engineers increased opportunity to meet the ever-increasing demand of Client, Governmental and Local Authority Planning requirements.

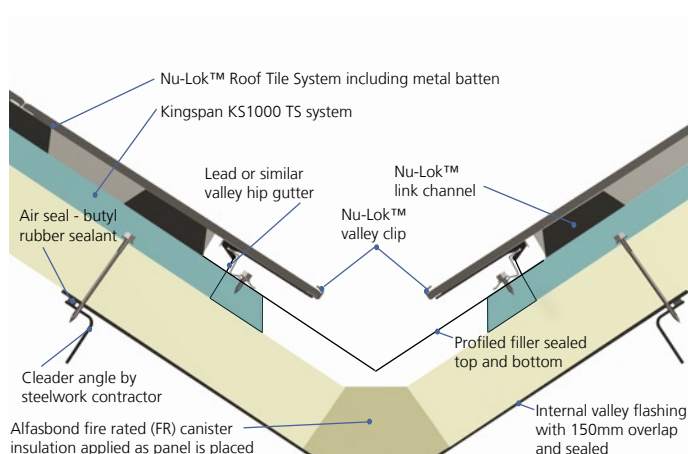
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Nu-Lok™ Ridge Detail



Nu-Lok™ Valley/Hip Detail



BEAUTY • STRENGTH • DURABILITY • INNOVATION



Nu-Lok™ has designed PV and Thermal Solar Roofing Panels that integrate seamlessly with Nu-Lok™ Roofing tiles. The leading edge of each panel looks like slate and this is the bit that is most prominent from street level. The appearance of the main glass surface complements neighbouring slates to provide an aesthetically pleasing and cost effective solution to solar energy recovery.

Tommy Walsh of Ground Force fame specially selected the Nu-Lok™ Roofing System and Solar Roofing Panels on his latest venture "Build a house in 60 days for £60,000" television programme.

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