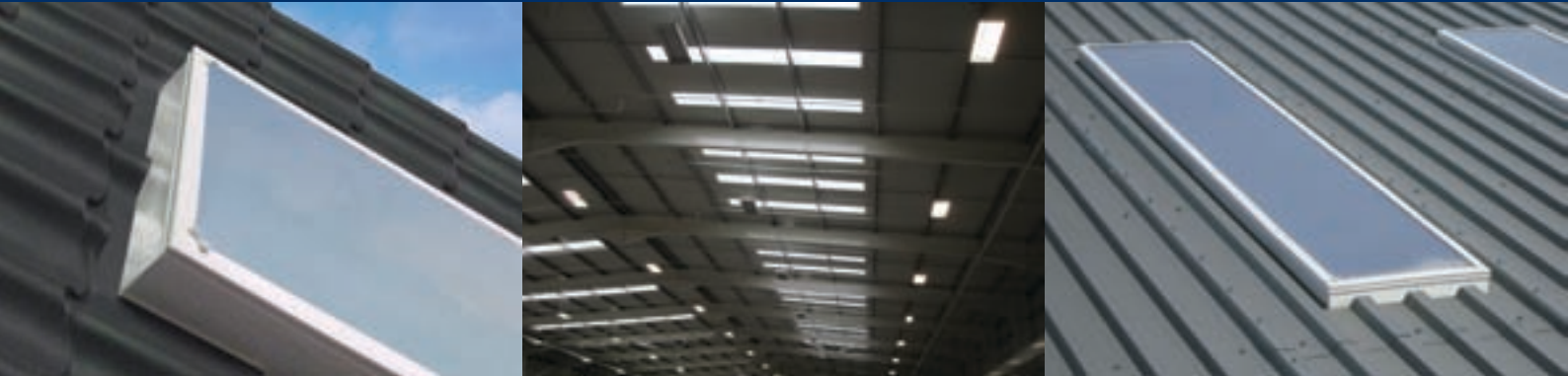
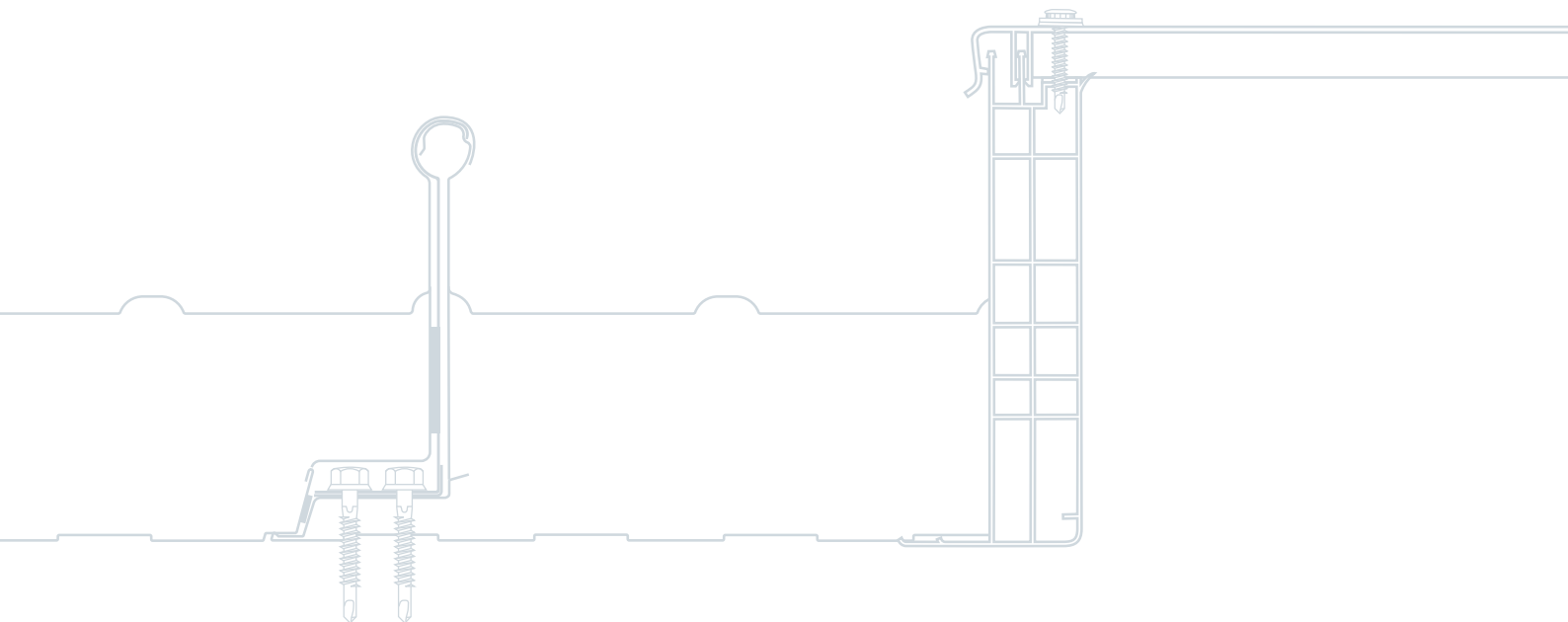


ROOFLIGHT SYSTEM



Upstand Rooflight

Natural Light Translucent Upstand Systems



Kingspan Upright Rooflight Pre-assembled Rooflight System



Introduction

The Kingspan Upright Rooflight has been developed to increase build speed and reduce possible health and safety risks associated with working at height. Because they are factory fitted, the amount of time spent working at height is reduced, a requirement under HSE recommendations.

The Upright Rooflight is available with Kingspan's KS1000 ZIP Kingzip®, Roof Tile, KS1000 FC, KS1000 RW, KS1000 SF, KS1000 LP and KS1000 TS roof panels. The system allows natural light into the building, reducing the need for artificial lighting, whilst still offering a U-Value of 1.84 Wm²K. What's more, the Upright Rooflight requires no glazing experience to install as it is factory fitted off-site, allowing the panel to be installed like any other.

The paper we have printed on is from 80% post-consumer waste and the remaining 20% pulp is TCF (Totally Chlorine Free). This fibre is FSC certified (see fsc.org for details). In recognition, the range has been awarded both the NAPM and Eugropa recycled marks, two of the most prestigious and recognisable recycled certificates available. The ink we have used is vegetable based, allowing the document to be recycled.



Sustainable Forest



Recyclable



Vegetable Based

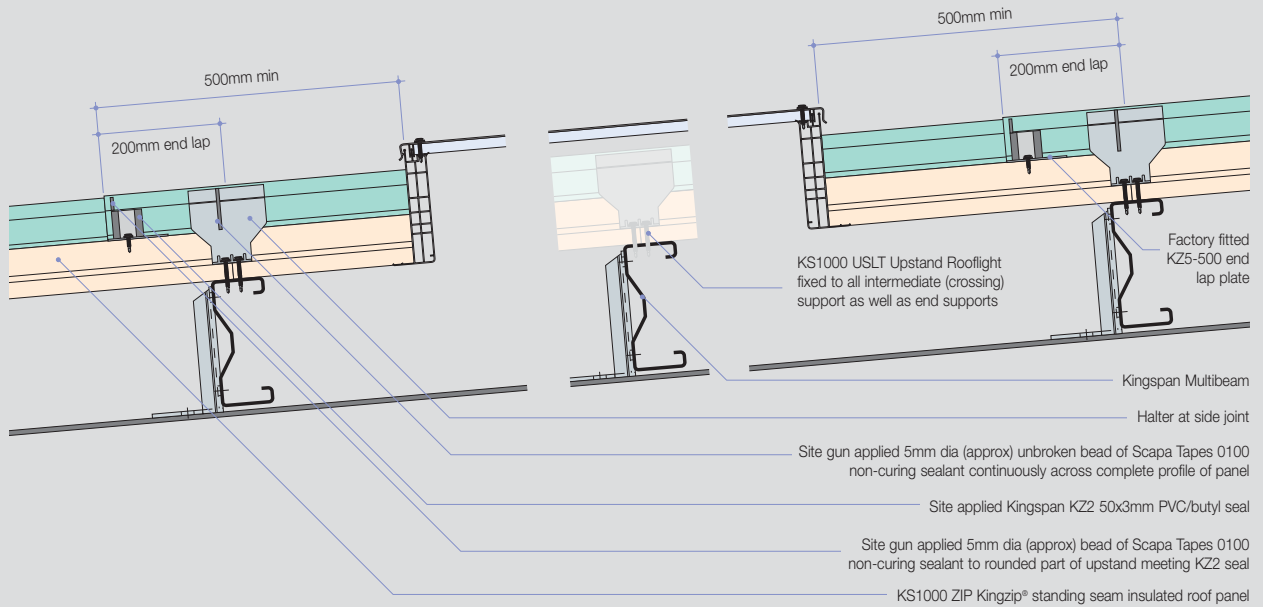
System Benefits

- Non-Fragile: HSE tested ACR [M] 001: 2004 Category Class B.
- U-value 1.84 W/m²K - fully complies with Part L2 (England & Wales) Building Regulations, Part F2 (Northern Ireland), Part L (Republic of Ireland) and Section 6 (Scotland) Technical Handbooks.
- Excellent light transmission - up to 61% to EN410.
- Guaranteed for up to 25 years for thermal and structural performance through Kingspan Total Panel Guarantee.
- Fully recyclable at end of life with minimal impact on the environment.
- Available in lengths from 1m up to 5m.
- Fire properties: Class 1Y.
- Single component: fast installation leading to accelerated build speed.
- System pre-assembled off site reducing waste on site.
- Simple to fix and no glazing experience necessary.
- Lightweight and durable.
- Excellent impact and thermal performance compared to glass glazing systems.
- Manufacturing sites are ISO 9001: 2000 (Quality) and ISO 14001 (Environmental) accredited.
- Multi-cell clear polycarbonate with co-extruded UV resistant external layers to both faces.

Construction Details

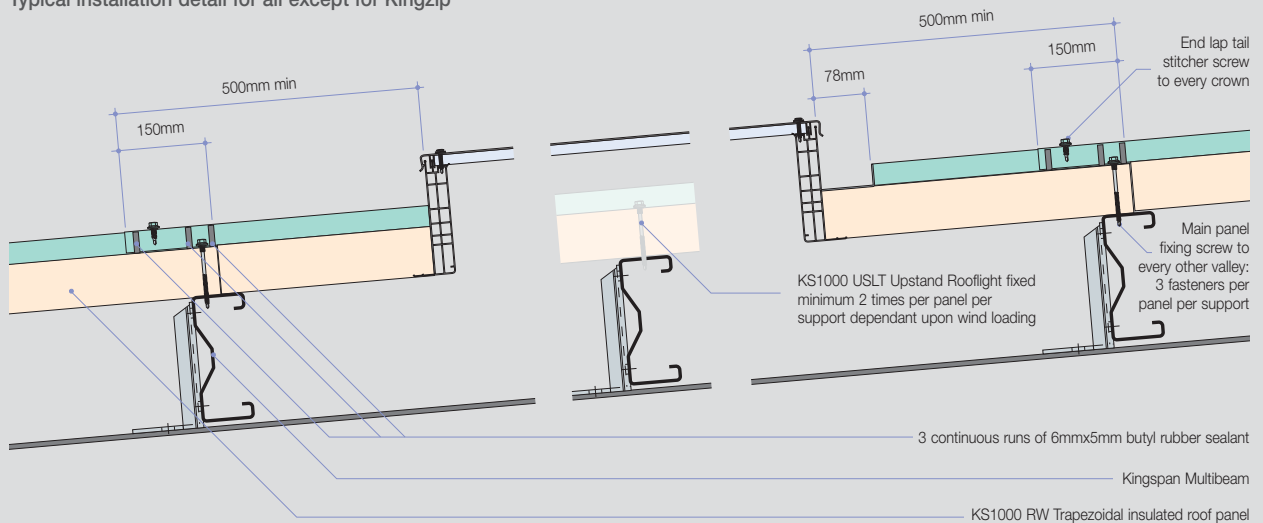
Product Reference	Application Description
KS1000 USLT	KS1000 USLT Upstand Rooflight factory fitted rooflight system

KS1000 ZIP Kingzip® Upstand Rooflight



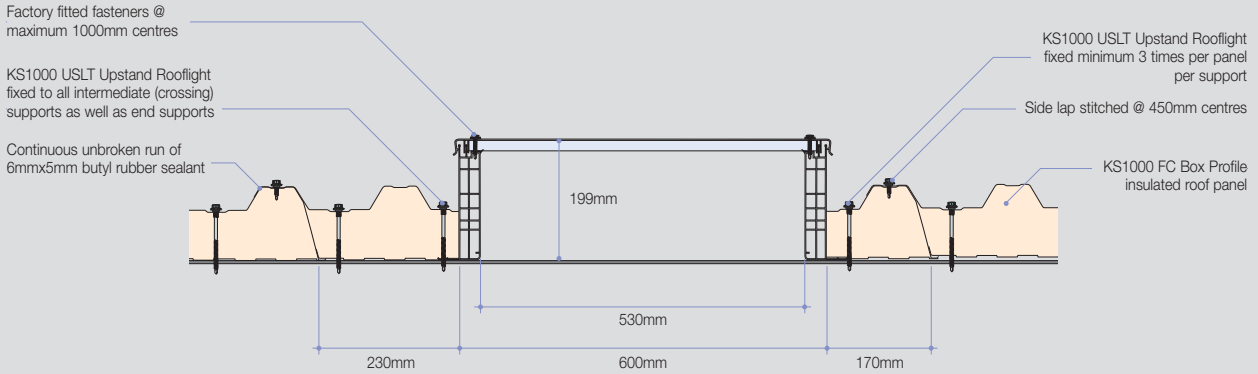
KS1000 RW Trapezoidal Upstand Rooflight

Typical installation detail for all except for Kingzip

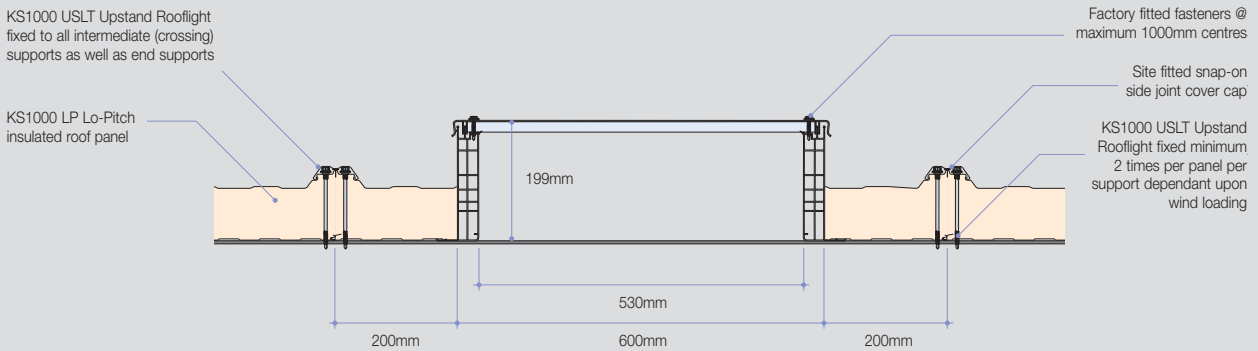


Note: Load span tables and the different panel weights are available from the Kingspan **envirocare**® Technical Services.

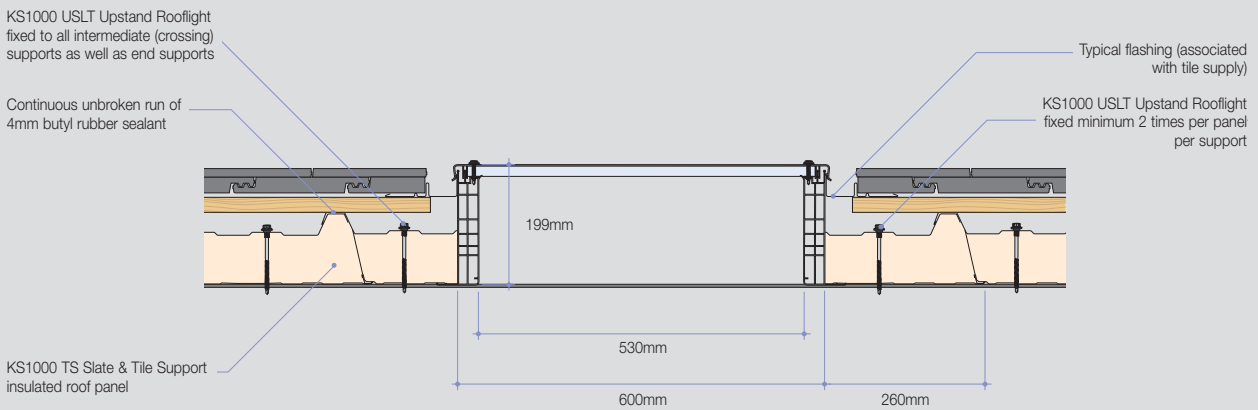
KS1000 FC Box Profile Upstand Rooflight



KS1000 LP Lo-Pitch Upstand Rooflight



KS1000 TS Slate & Tile Support Upstand Rooflight



Note: When choosing tile type the thickness of the tiles should be taken into consideration in order to avoid the tile rising above the upstand rooflight.

Building Applications

The Kingspan Upstand Rooflight is suitable for all applications, where either Kingspan's KS1000 ZIP Kingzip®, Roof Tile, KS1000 FC, KS1000 RW, KS1000 SF, KS1000 LP and KS1000 TS roof panels are used.

For all applications the maximum rooflight length is 5000mm and the minimum is 1000mm. Maximum panel length is 6000mm, regardless of rooflight dimensions. The minimum distance of the rooflight from the edge of the panel is 500mm.

Kingspan PIR Insulated Panel Benefits

- **FIBREfree** - no threat of loose fibres into internal environment
- Lifetime insulation continuity, thermal performance and airtightness certainty
- **ECOsafe**, environmentally sustainable PIR insulation core on specific products

KS1000 ZIP Kingzip® Standing Seam

- Available for 1000mm cover module only
- Available with both steel and aluminium panel
- Available with 45mm, 90mm and 110mm thick panel
- Suitable for roof pitch of 1.5 degrees or more

Kingspan Roof Tile

- Available with 45mm, 60mm, 80mm and 100mm thick panel
- Suitable for roof pitch of 12 degrees or more

KS1000 FC Box Profile

- Available with 34mm, 46mm, 50mm, 68mm, 80mm and 100mm thick panel
- Suitable for roof pitch of 4 degrees or more
- Five Crown can be installed in conjunction with Kingspan EnergiPanel™

KS1000 RW Trapezoidal and KS1000 SF Secret Fix

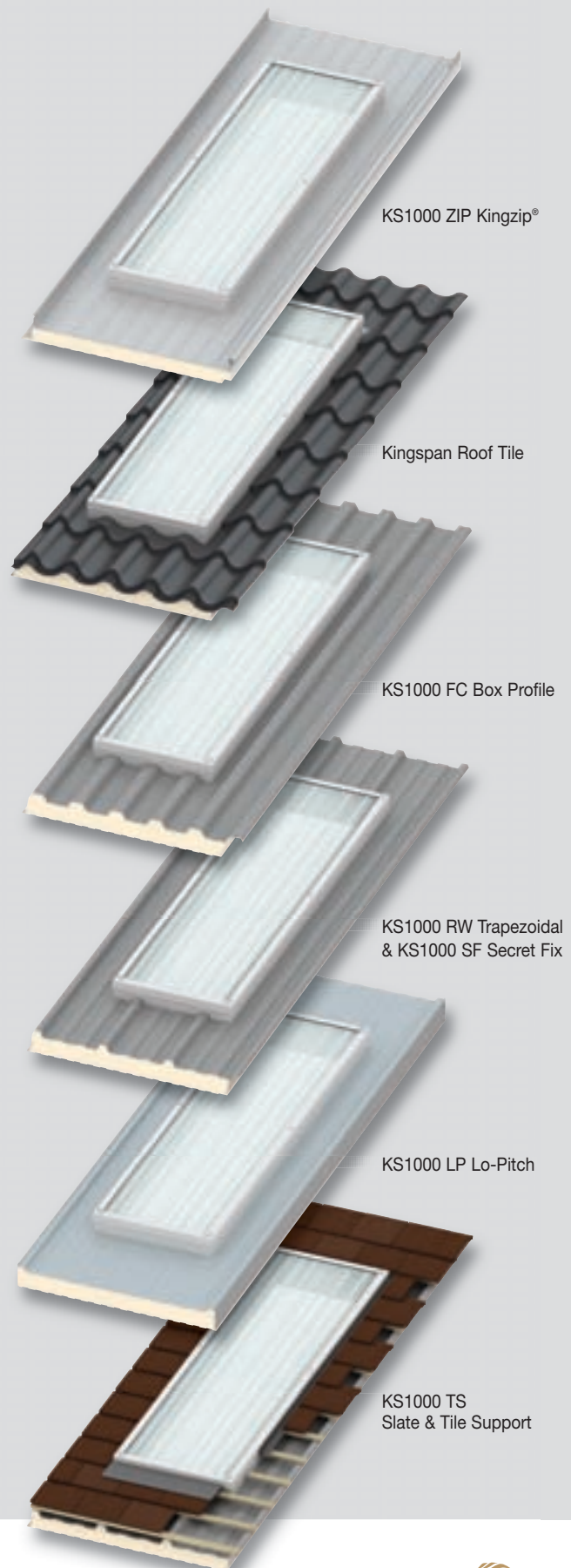
- Available with 40mm, 50mm, 60mm, 70mm, 80mm, 100mm and 120mm thick panel
- Suitable for roof pitch of 4 degrees or more

KS1000 LP Lo-Pitch

- Available with 45mm, 60mm, 80mm and 100mm thick panel
- Suitable for roof pitch of 1.5 degrees or more

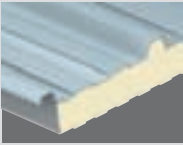

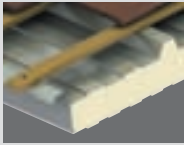
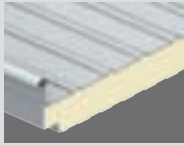
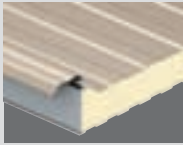
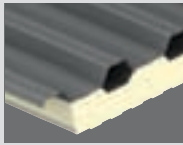
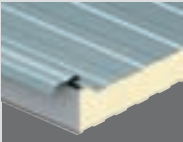


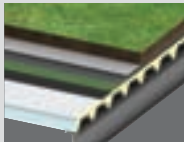


KS1000 TS Slate & Tile Support

- Available with 40mm, 50mm, 60mm, 70mm, 80mm and 100mm thick panel
- Roof pitch to suit tile or slate manufacturer


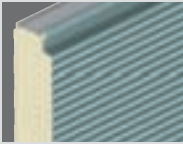








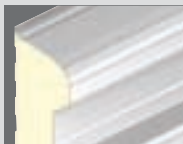









Kingspan Insulated Roof, Wall & Façade Systems

Roof Systems

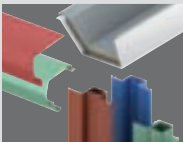
KS1000 RW Trapezoidal	KS1000 SF Secret Fix	KS1000 TS Slate & Tile Support	KS500/1000 ZIP Kingzip® Standing Seam	KS1000 LP Lo-Pitch	Kingspan EnergiPanel™
					
KS1000 CR Curved Roof	Kingspan Roof Tile	KS1000 FC Box Profile	Kingspan Envirodek™	Kingspan Polycarb Rooflight	Kingspan Upstand Rooflight
					

Wall & Façade Systems

KS600, 900 & 1000 Optimo™	KS600, 900 & 1000 MR Micro-Rib	KS600, 900 & 1000 EB Euro-Box	KS600, 900 & 1000 FL Flat	KS600, 900 & 1000 FL-S Stucco	KS600, 900 & 1000 MM Mini-Micro
					
KS600, 900 & 1000 CX Convex	KS600, 900 & 1000 WV Wave	KS600, 900 & 1000 LS Longspan™	KS1000 RW Trapezoidal	KS1000 FC Box Profile	Kingspan EnergiPanel™
					
Kingspan Thermatile	Kingspan Thermabrick™	Kingspan Thermastone	Kingspan WoodTherm™	Kingspan Render Panel	Kingspan Wall-Lite
					

Ancillaries

Gutters, Tophats & Flashings



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