

Facade Systems
UK & Republic of Ireland

Protected by



Kingspan Facades Rainscreen Systems Overview

Performance without Compromise:
Rainscreens / Rainscreen Substructures /
Panelised Facades



Compliant High Performance Facades



Dri-Design



Dri-Design Shadow



Hook-On Cassette



Shingle



BML100.1



BML400

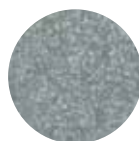
Our rainscreen facades are available in a range of metallics and PPC coatings



Aluminium



Copper



Zinc



Stainless Steel



Corten



A2 ACM



Aluminium Powder Coating

Combining systems and expertise from across the Kingspan Group, Kingspan Facades is a service-led business unit providing design and construction teams with a comprehensive portfolio of advanced facade systems suitable for a multitude of performance applications and architectural styles.

Our aesthetic offering is supported with solutions suitable for all storeys heights that encompass advanced insulation core technology, alongside more traditional solutions.

Panelised Systems

Insulation Board and Slab Systems

Advanced Insulation Cores



QuadCore™ Karrier

QuadCore™ Karrier is a lightweight, proven factory-engineered building system which comprises individual high-performance insulated panels designed to support facades. Karrier provides a weathertight building envelope in a fraction of the time of other systems.

- Continuous insulation
- Fastest build speed and ease of install
- Thermal conductivity of 0.018 W/m-K
- Fibre free
- BR 135 Compliance Assured options available

Kooltherm® K15

Kingspan Kooltherm® K15 rainscreen board is a premium-performance insulation with a fibre-free rigid thermoset phenolic core suitable for use behind rainscreen cladding systems. It is manufactured with a blowing agent that has zero Ozone Depletion Potential (ODP) and low Global Warming Potential (GWP).

- Lightweight
- Thermal conductivity of 0.020 W/m-K
- Ideal for refurbishment and new build
- Fibre free
- BR 135 Compliance Assured options available



A-Rated Insulation Cores



K-Roc Karrier

K-Roc Karrier is an interlocking, stone wool core insulated panel designed to support the rainscreen system, creating a weathertight building envelope early on in the build programme.

- Build speed
- Thermal conductivity of 0.043 W/m-K
- Installability
- Notional period of fire resistance of up to 180 minutes integrity and insulation

K-Roc Rainscreen Slab

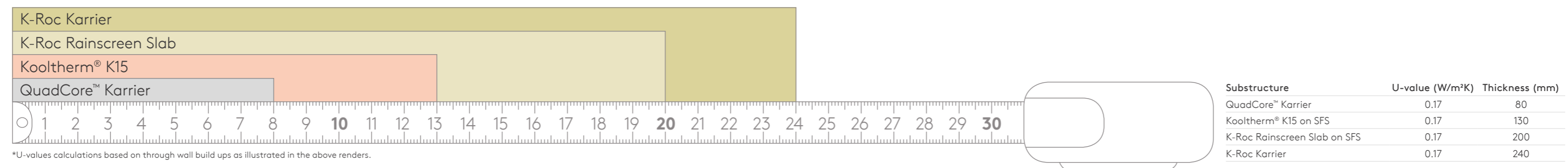
K-Roc rainscreen slab is a soft and rigid, stone mineral wool slab containing a water repellent additive, designed for use in rainscreen cladding systems both below and above 18m in height.

- Thermal conductivity of 0.034 W/m-K
- Fire Performance Euroclass A1 Reaction to Fire rating



Following the Hackitt review and MHCLG Part B consultation outcome, Kingspan Facades can provide solutions to meet all building height compliance requirements.

Core thickness in mm to achieve U-value of 0.17 W/m²K*



*U-values calculations based on through wall build ups as illustrated in the above renders.

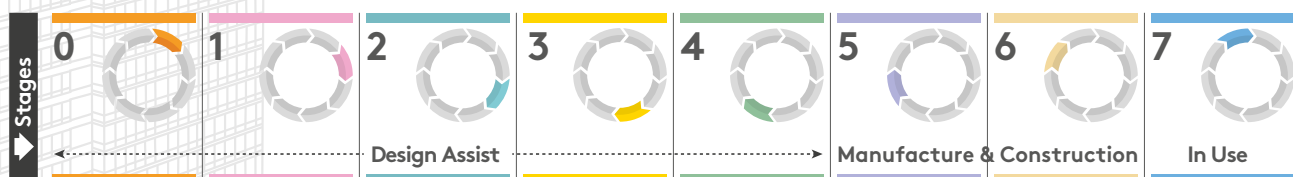


Kingspan Facades BR 135 / BS 8414 tested systems can be supported by Compliance Assured.

Compliance Assured is a robust assurance framework to support customers through design, project-specific training, on-site inspection during construction and handover of a BR 135 / BS 8414 tested Kingspan Facade system.

- BR 135 classified
- Kingspan certified installers
- Robust construction and specification details
- Prescriptive componentry
- Kingspan facade system
- Third party audit
- Facade system warranty
- Compliance Assured certification

Book a Compliance Assured consultation today
info@kingspanfacades.co.uk



Compliance Assured – supporting customers’ enhanced competency from design, prescriptive procurement and installer training right through to third party audits – the golden thread from 0 to 7 of the RIBA Plan of Work 2013.

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