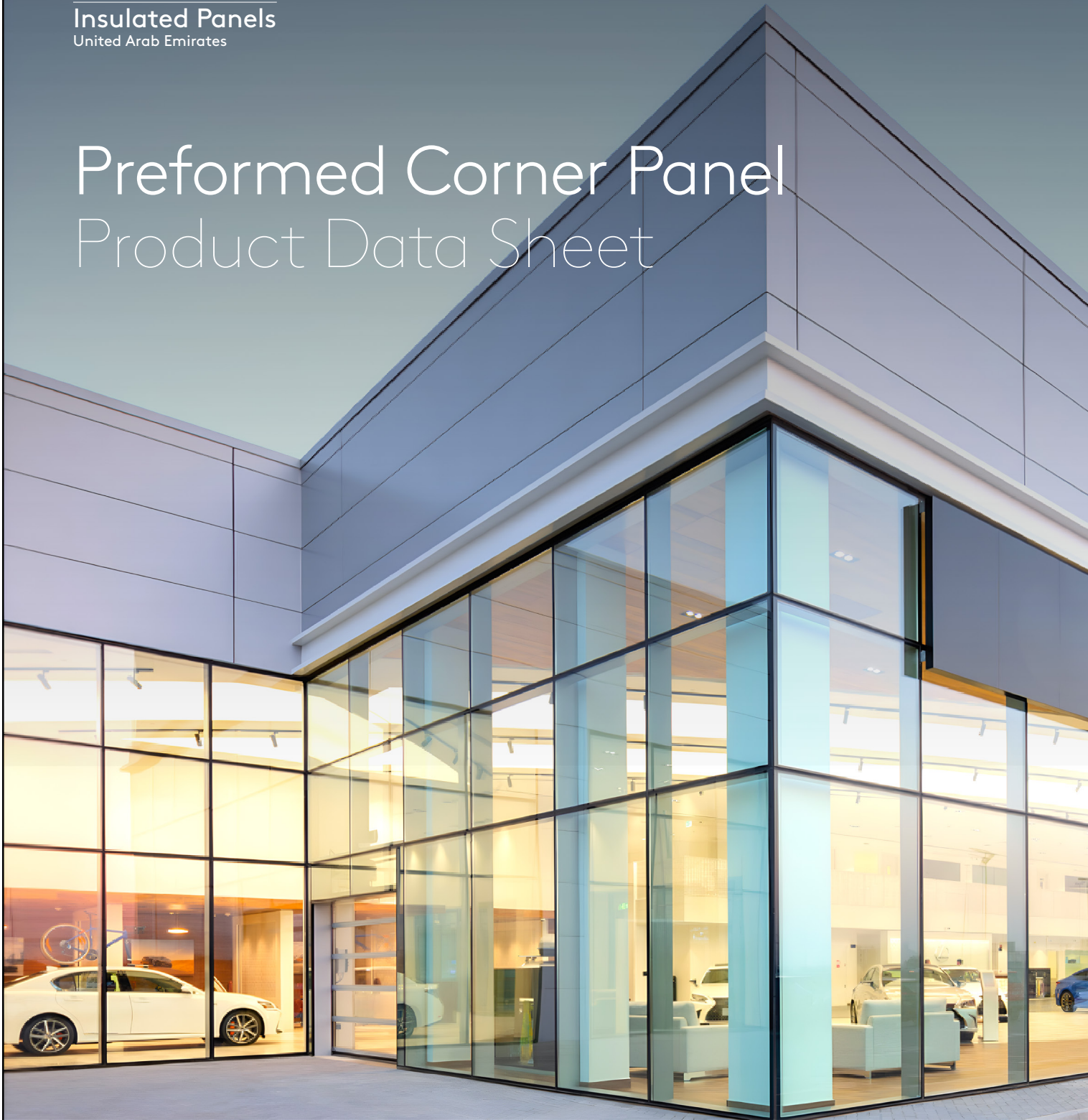


Insulated Panels
United Arab Emirates

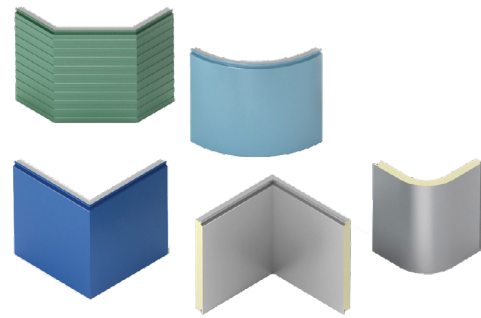
Preformed Corner Panel Product Data Sheet



Application

The insulated Preformed Corner Panel combines insulation continuity with an aesthetically pleasing design, offering an effective alternative to traditional corner flashings.

Designed to enhance both thermal performance and visual appearance, the Preformed Corner Panel provides a clean and seamless finish, helping to complete the overall architectural look of the building.



Panel Cross Section

Folded flat sheet corner panel ensuring insulation continuity and clean corner finish.

Technical Parameters

Steel, galvanized steel or aluminium, PPC/pre-coated, compatible with Kingspan systems.

Fire Performance

Fabricated flashings form part of tested Kingspan system assemblies. Fire performance is dependent on the full system build-up. For specific classifications, test data, and approvals, please contact Kingspan.

Dimensions

Length

Minimum and maximum lengths, angles and radii vary. Please contact Kingspan for non-standard lengths and transport restrictions.

Product Tolerances

±0.20 mm per metre length as per Kingspan Insulated Panels Manufacturing Standard.

Materials

Insulation Core

Substrate

For Steel: ASTM A653 CS or ASTM A792M CS.

For Aluminium: ASTM B 209.

External facing

Steel or aluminium.

Profiles

A choice of four profiles: curved corner, right angled, obtuse angled, U-shaped.

Colours

Pre-coated only.

Please, contact Kingspan for guidance of colour choices for

your project.

Finishes.

Standard mill-finish or can match the panel coating.

Environmental Performance

Life Cycle Assessment (LCA) study and Environmental Product Declaration (EPD) for the KSD1000/1100CS Coldstore Panel are currently under development. We ensure that our products are free from CFC, HCFC, HFC, and Halogenated Fire Retardants. Additionally, Kingspan Insulated Panels are manufactured in facilities certified to the ISO 14001 Environmental Management System (EMS) standard.

Production Standard

Please contact Kingspan for the most up-to-date test certificates.

Quality

Kingspan Insulated Panels are manufactured from the highest quality materials, using state of the art production equipment to rigorous quality control standards, complying with ISO 9001:2015 Quality management systems standards as well as ISO 37301:2021 Compliance management systems standards.

The panels are also being manufactured under Environmental management system certification EN ISO 14001:2015 and Occupational health and safety certification EN ISO 45001:2018.

Packing

Standard Packing - Road Transportation

Kingspan Insulated Panels are stacked horizontally with the facing sheets facing upwards to minimise the overall height of the pack. The top and sides are protected with either cardboard or polystyrene, together with spiral wrap stretch poly film. Customers must remove the protective film and other delivery packaging immediately after installation, ensuring that this is done within a maximum of two months of the production date. The number of panels in a pack depends on panel thickness and length. Quantities are reduced for exceptionally long panels.

Delivery

Unless otherwise specified, all deliveries are made by road transport to the designated project site. Unloading on site: The responsibility for unloading the goods lies with the recipient. It is essential that goods are not dropped or thrown from the vehicle and are not stacked on uneven surfaces. During the unloading process, it is essential to take great care to protect the goods from potential damage and to prioritise the safety of personnel on site. Manual unloading of goods is not recommended. Instead, it is advisable to use specialist equipment such as a forklift truck or crane equipped with a spreader beam. This precautionary measure prevents excessive pressure being applied to the product, which can lead to problems such as delamination, joint damage and surface irregularities. Please contact Kingspan to obtain guidelines for the storage, on-site handling and safe unloading of metal coils,

building sheet and insulated panels.

Sea Freight

For projects requiring sea freight via containers, timber wooden pallets are available at an additional surcharge.

Site Storage & Installation

Proper storage conditions are essential for maintaining the quality of the product. It is essential that the goods are stored in a covered area on a clean, level surface, with no more than two bundles stacked to avoid excessive pressure. Storage in an uncovered area is not recommended, but if circumstances require outdoor storage, the goods can be placed on a gently sloping surface to reduce the risk of water accumulation. When storing goods outdoors, it is essential to use a waterproof cover that allows adequate air circulation underneath. It's also important to keep the goods a safe distance away from potential fire hazards and the risk of falling objects. These measures are essential to ensure the integrity and safety of the goods throughout the storage period. Please contact Kingspan to obtain guidelines for the storage, on-site handling and safe unloading of metal coils, building sheet and insulated panels.

Warranty

Kingspan offers product coating warranties tailored to each specific project, taking into account the environmental conditions of the geographical location of the project. These warranties are subject to compliance with a maintenance regime. Please contact Kingspan for more information.

Contact Details

Kingspan Insulated Panels Manufacturing LLC

tel: +971 (0) 4 885 4232 | +971 (0) 4 885 4191
Dubai Investment Park 1 | P.O. Box 60493
Dubai | UAE



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The information provided in this datasheet is accurate as of its date of publication and represents our commitment to quality and transparency. However, Kingspan Insulated Panels reserve the right to modify product specifications without prior notice to reflect advancements or improvements. For applications not explicitly covered within this datasheet, consultation with our Technical Advisory Service is strongly advised to ensure the product meets your specific requirements. Customers are responsible for verifying the product's suitability for their particular needs and for ensuring compliance with all applicable laws and regulations. For the most up to date and comprehensive product details, always refer to the latest version of this datasheet by scanning the QR code above. We reserve the right to update this datasheet, and any other informational materials, at our discretion and without notice. For the latest information, please visit: www.kingspan.ae.

