

Insulated Panels

UK and Ireland



Technical Update: TU033

QuadCore AWP-S Wall Panel 150mm - Introduction

Tech-eXchange



Kingspan[®]

QUADCORE® AWP-S WALL PANEL 150MM - INTRODUCTION

DATE: MAY 2023

The purpose of this Technical Bulletin is to make you aware of the introduction to the UK & Ireland market of the QuadCore® AWP-S Wall Panel.

The QuadCore® AWP-S Wall Panel is a high-performance panel that complements our existing range of insulated wall panels. Its aesthetic appeal matches our QuadCore AWP Wall Panel whilst offering an enhanced fire resistance performance without the need for additional installation/design measures of comparable products such as reduced panel spans, joint stitching and/or site applied fire seals.

This is possible due to:

- State of the art increased density QuadCore® insulation formulation
- High performance joint profile
- Fire resistant factory applied fire/weather seal

This is being introduced to provide our customers with the opportunity of an Architectural Wall Panel with enhanced fire resistance. It is ideally suited for a boundary condition where 60/60 is required in both directions as per the table.

Direction	Orientation	Span Distance	Fire Integrity	Fire Insulation
Inside to outside	Vertical	6000mm	60 mins	60 mins
Outside to inside	Vertical	4000mm	60 mins	64 mins
Inside to outside	Horizontal	4000mm	60 mins	60 mins

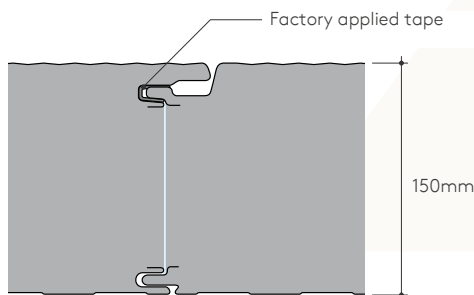
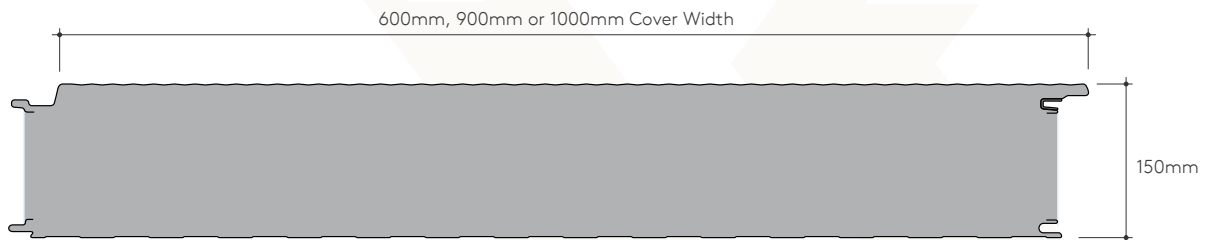
Dimensions, Weight & Thermal Performance

Convex, Euro-Box, Mini-Micro, Micro-Rib, Plank, Tramline and Wave	
Core Thickness (mm)	150
U-Value (W/m²K)	0.13
Weight (kg/m²)	18

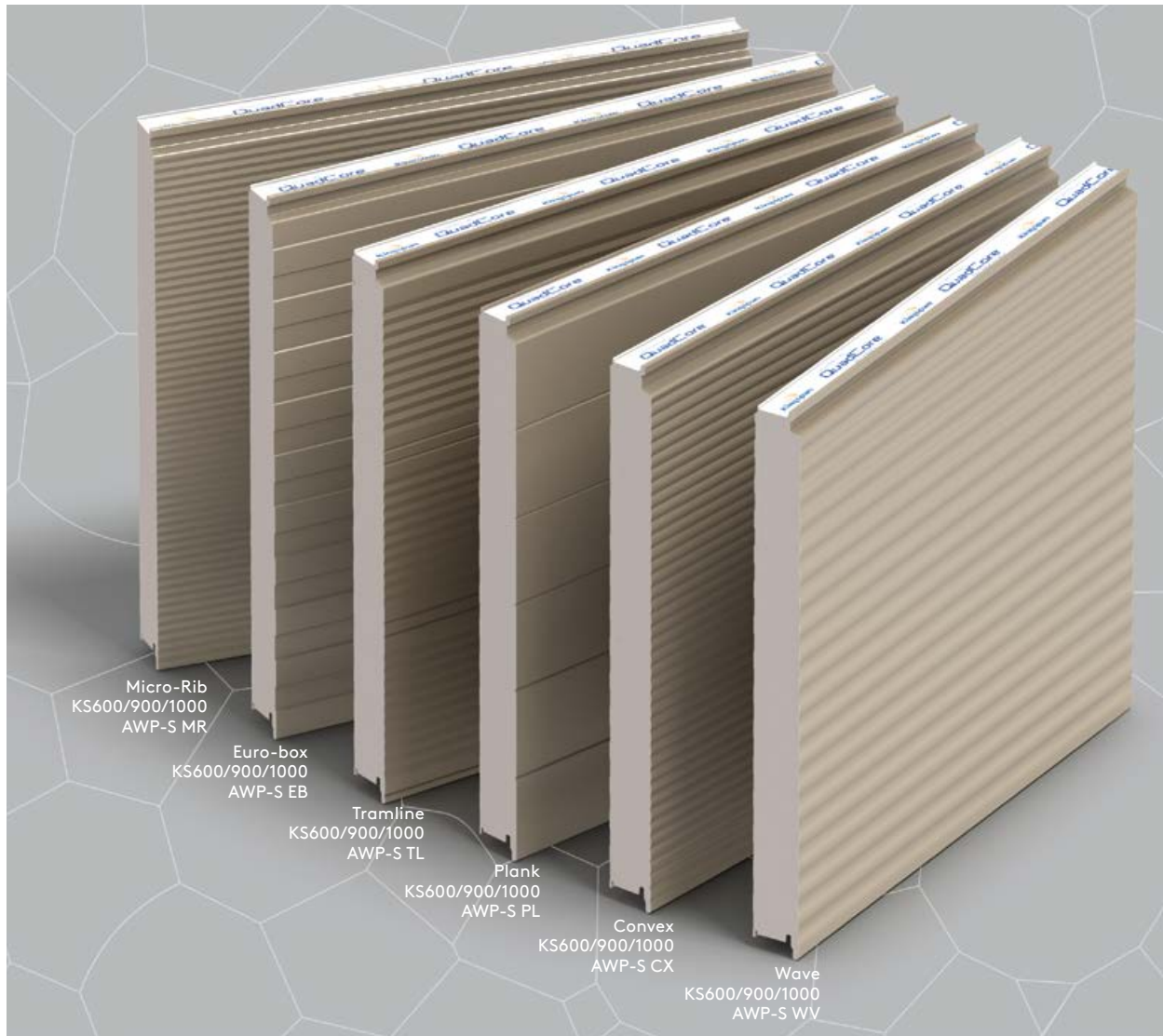
The QuadCore® insulation used in QuadCore® AWP-S Wall Panel has a Thermal Conductivity (λ) of 0.018W/m.K

QuadCore® AWP-S Wall Panel has a Thermal Transmittance (U-Value), calculated using the method required by the Building Regulations Part L2 (England & Wales), Building Standards Section 6 (Scotland), Part L (Republic of Ireland) and Part F2 (Northern Ireland).

KS600/900/1000 AWP-S



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Should you have any queries on the above or require further information, please do not hesitate to contact the undersigned.

Regards,

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