Insulated Roof & Wall Panels UK & Republic of Ireland



QuadCore® KS1000RW Roof Panel Installation Guide







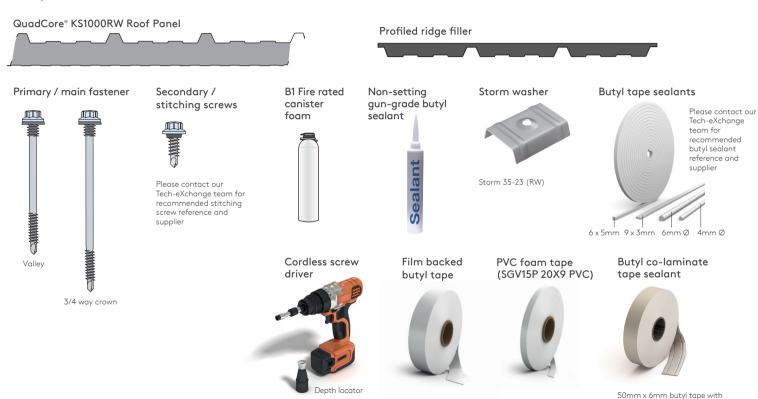






Multiple Panels Eaves to Ridge - 75mm End Lap

Components



PE foam co-laminate centre

This installation guide should be read in conjunction with the 'project specific' design drawings and method statements.

Multiple Panels Eaves to Ridge - 75mm End Lap

Note:

This installation guide provides generic guidance on installation methods however should be read in conjunction with project specific specifications and construction details. For further information please contact our Tech-eXchange team.

Ensure steelwork is suitable for panels and is within tolerance.

Ensure lower panel is bearing on to purlin by a minimum of 50mm.

Sealant application is to Class A requirements.

Apply SGV15P 20X9 PVC foam tape air seal to ridge, verge & eaves positions.

Gun-grade sealant referred to is: – non-setting butyl sealant.

End lap 50 x 6mm butyl tape with PE foam co-laminate centre.

Side lap FAWS Factory Applied Weather Seal, including 6 x 5mm butyl tape sealant for closing off 50×6 mm co-laminate butyl tape sealant end lap.

All sealants to suit project specification requirements.

Fasteners to suit QuadCore* panel specification requirements: Stainless Steel or Carbon Steel subject to project requirements.

Install fasteners with recommended screw gun speed selection for type of steel, use correct socket and drive bit, including depth - locating nose piece, unless fastener has feature to prevent overdriving, in line with fastener manufacturers & NFRC Guidance Note GN01 recommendations.

Protective film to be removed from external weather face of panel & internal liner, where applicable, prior to installation.

Clean swarf off panels immediately when created.

For many years sealant suppliers have advised caution when using sealants in temperatures less than +5°C.

For high humidity, hygiene internal environments, etc, please contact the Kingspan Tech-eXchange team for specification guidance.

Colour of sealants within this installation guide are for illustration purposes.

We recommend the use of mechanical handling systems for the movement & lifting of panels into position.



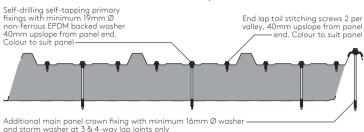
This installation guide is also applicable to QuadCore KS1000 RW LEC Roof Panel



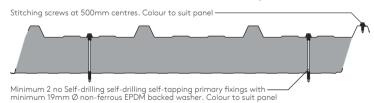
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Fastener Layouts QuadCore®

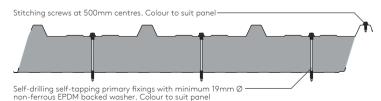
End / Side Lap



Standard Intermediate & Side Lap

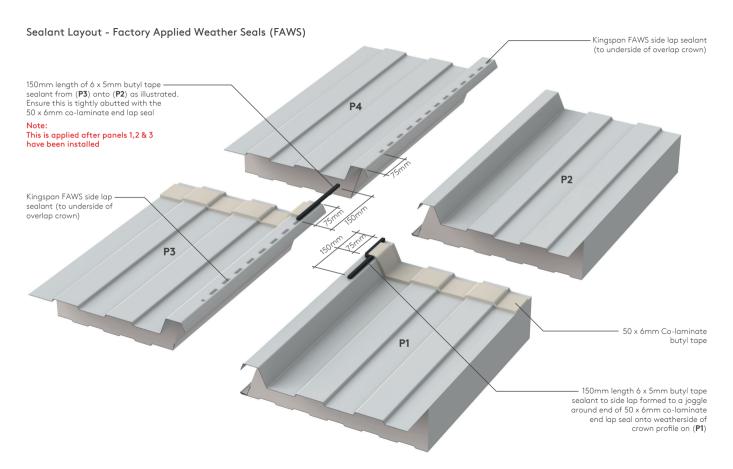


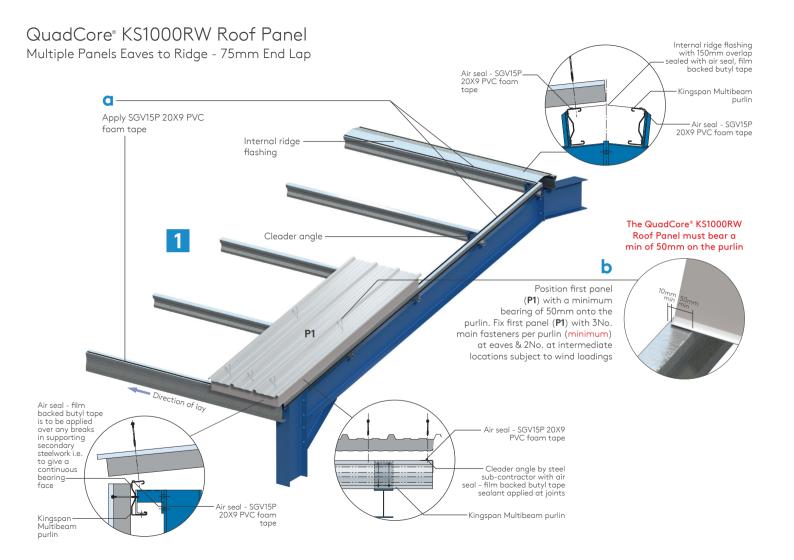
Standard Eaves, Ridge & Side Lap

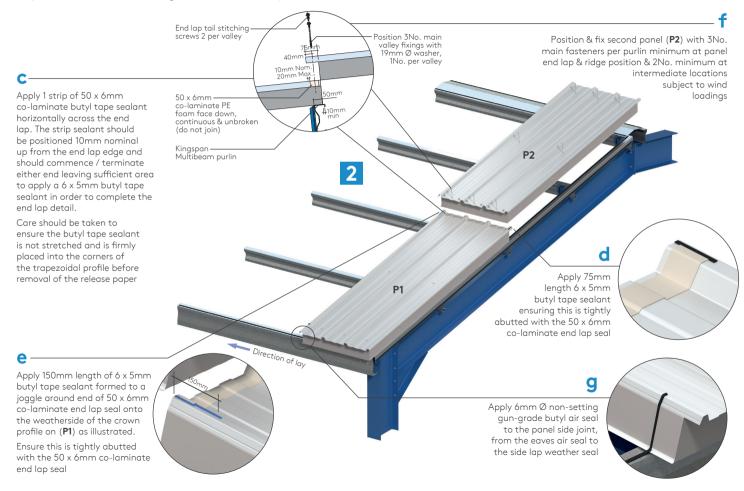


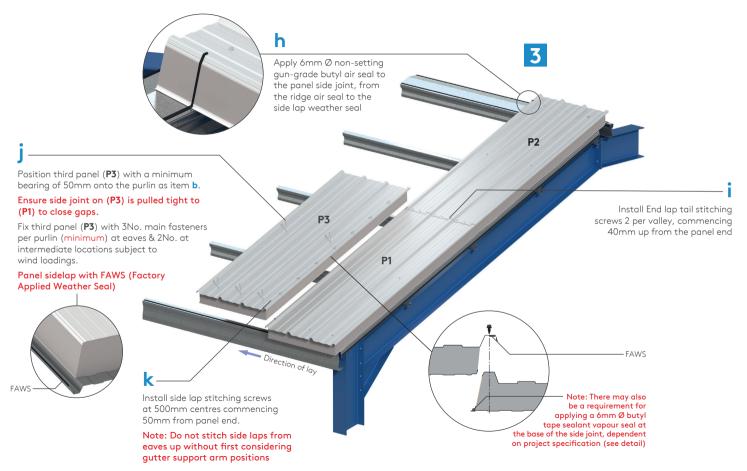
Note: Minimum number of fasteners as illustrated. Good practice would recommend that a wind load calculation be carried out for each project, to determine whether additional fasteners are required to meet local wind uplift requirements.

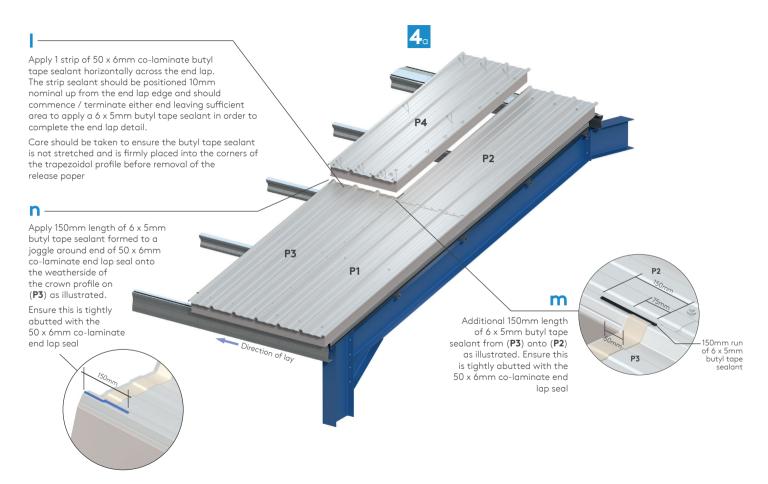
The fixing pattern shown is the minimum requirement only based on air and weather testing. For fixing patterns for LPCB certification or FM approval as well as project specific wind loading guidance, please contact Kingspan Insulated Panels Technical department (0800 587 0090).

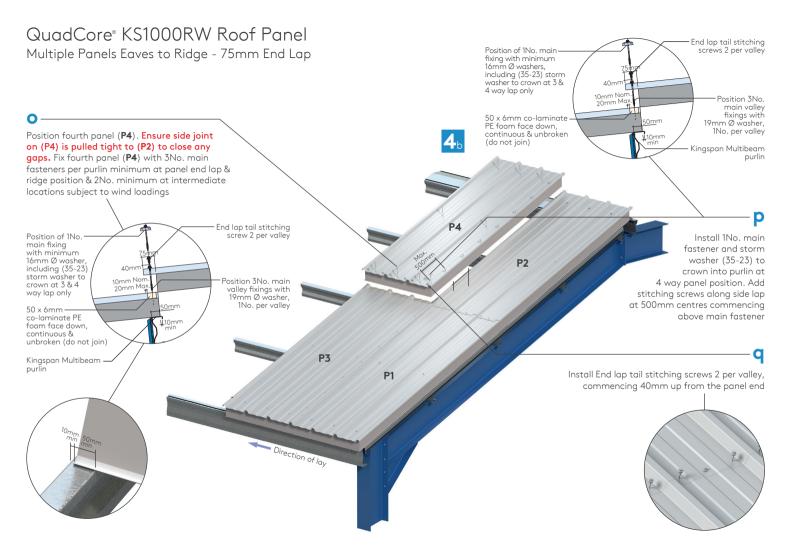


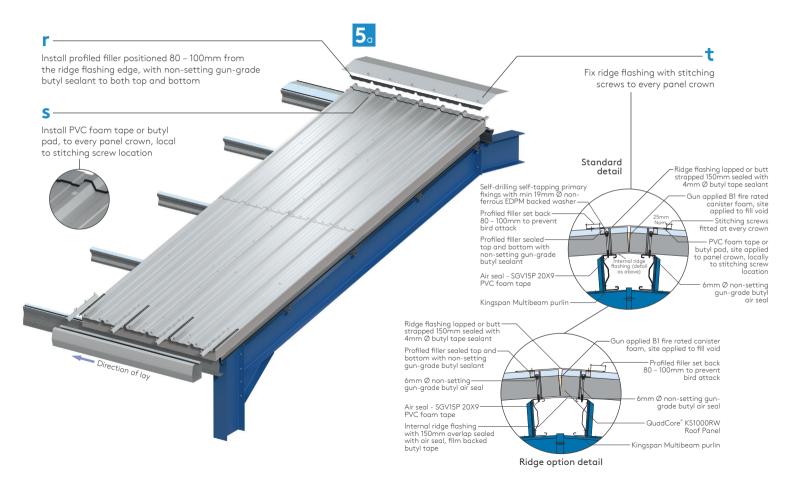


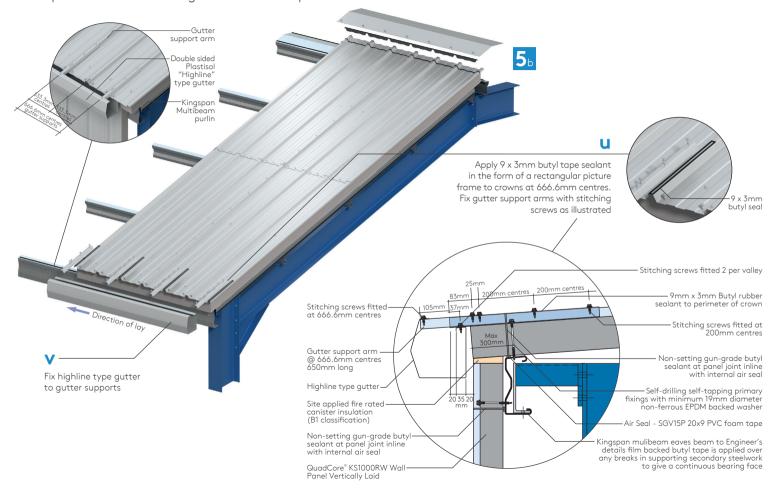




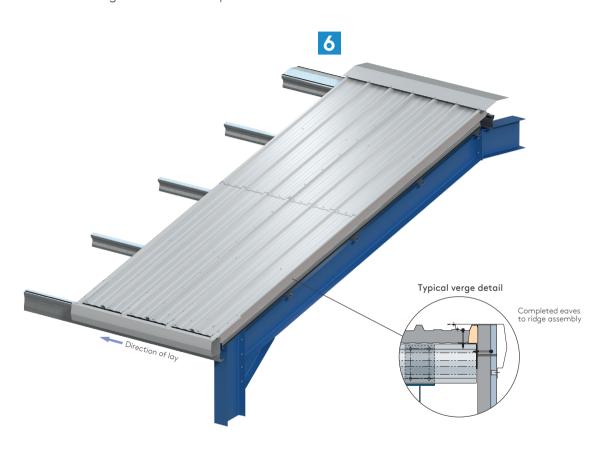








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Installation guides are available for most of Kingspan insulated roof and wall panels.

Please call Kingspan Tech-eXchange team on the numbers below.

For the most up to date version of this Installation guide please scan the relevant QR codes below.

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For the product offering in other markets please contact your local sales representative or visit www.kingspanpanels.com

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Sixth Issue: July 2024

