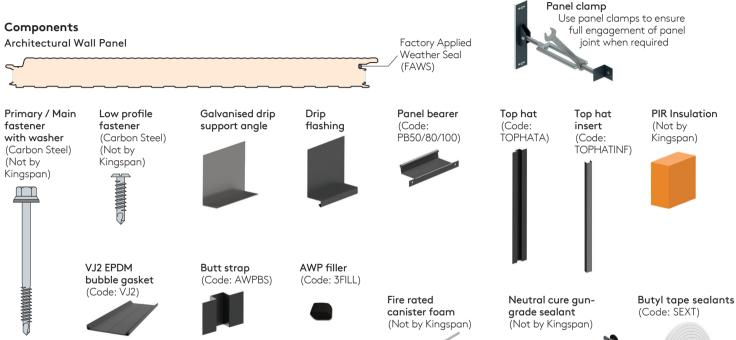
Insulated Roof & Wall Panels
Australia

Architectural Wall Panel Installation Guide





Horizontally Laid



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

Although this installation guide is deemed to be correct at the time of publication, Kingspan reserve the right to amend the information at any time in the future. Installation Guides are available for the full range of Kingspan Insulated Roof, Wall and Facade Systems.

Please call Kingspan Technical Services on: Aus Tel: (02) 8889 3000



Horizontally Laid

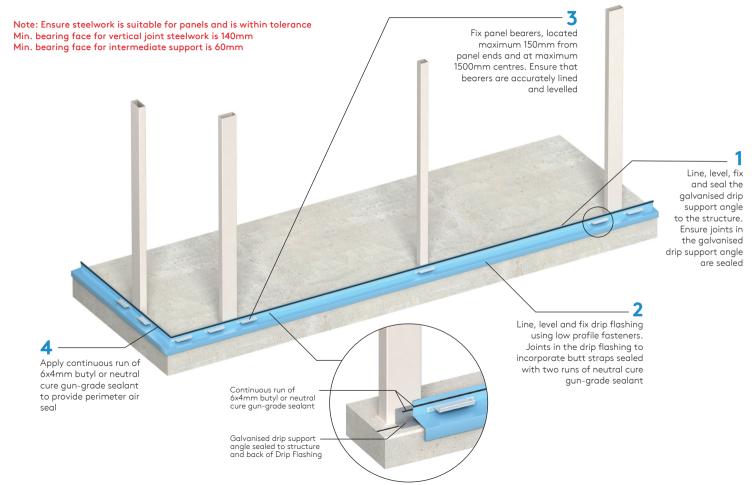
Note:

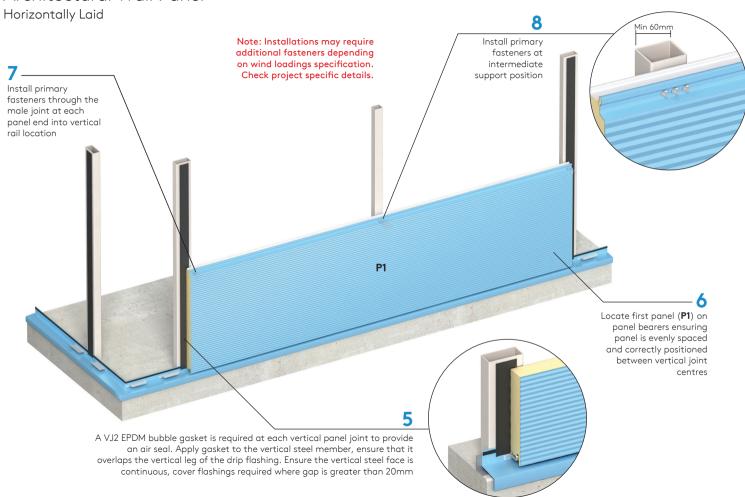
- Ensure steelwork is suitably lined, levelled and within tolerance.
- Minimum bearing face for vertical joint steelwork is 140mm.
- Minimum bearing face for intermediate support is 60mm. All subject to required number of primary panel fastener and wind loadings.
- Tape sealant referred to is butyl tape sealant.
- All fasteners to be carbon steel to maintain panel warranty.
- Gun-grade sealant type neutral cure gun-grade sealant.
- Number of fasteners must be calculated based on project spans and wind loads.
- See specific details for high humidity applications.
- 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.
- Ensure panel joints are pulled tight to adjacent panels to close any gaps as works progress.
- This installation guide provides generic guidance on installation methods, however, should be read in conjunction with project specific specifications and construction details.
- 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.
- Use panel clamps to ensure full engagement of panel joint when required.

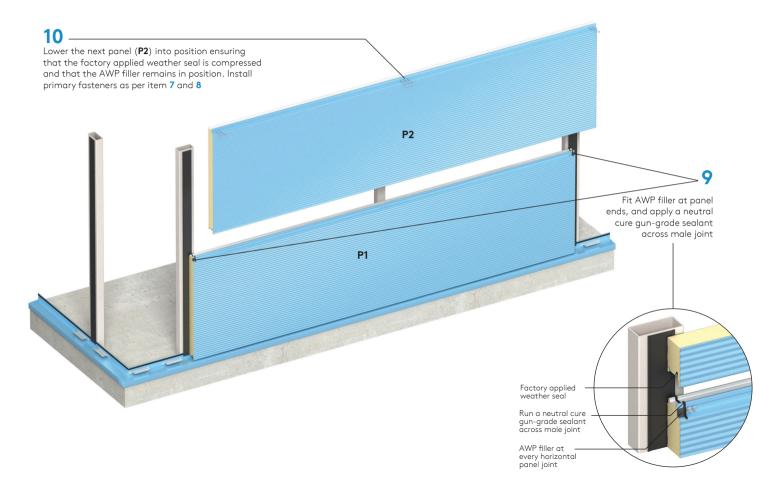


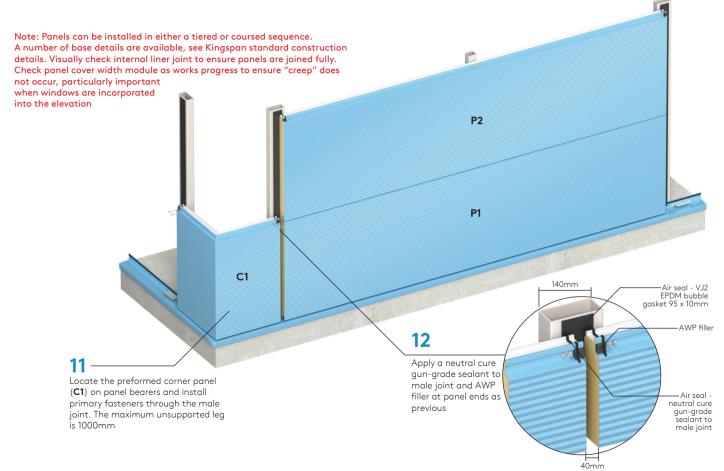
Please contact Kingspan Technical Services Department for guidance:

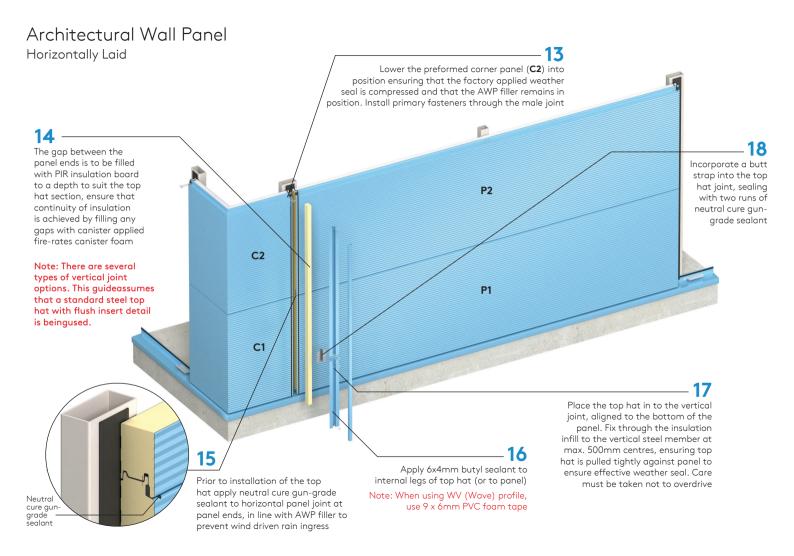
- Internal air seals
- High humidity & hygiene internal environment
- Project specific advise

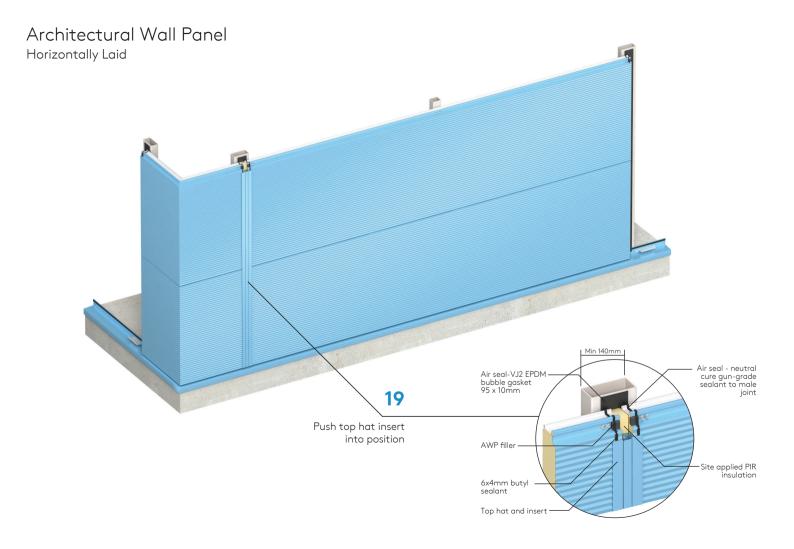












Panel Handling

Appropriate personnel protective equipment should always be worn to avoid cuts and abrasions to installers and panels.

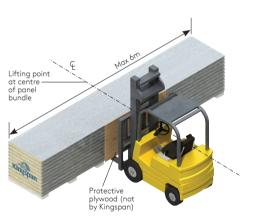
Individual panels should always be lifted from a pack and not dragged over others.

The weight of individual panels for lifting can be determined from the information on the packing slip.

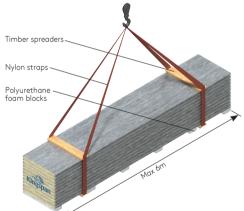
For larger panels the contractor would normally arrange to use appropriate material installation equipment to help lift the panels into position.

Protecting Film

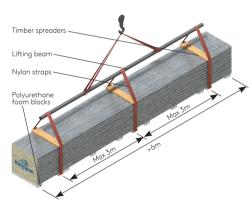
When panels are supplied with a plastic protective film this should be removed during site installation.



The recommended loading / unloading method for bundles less than or equal to 6m is to use a single forklift with widely spaced forks placed under the centre of the bundle as shown.



The recommended lifting method for bundles no more than or equal to 6m can be handled with a crane by using nylon straps and timber spreaders as shown.



The recommended lifting method for bundles more than 6m, by crane, is by using three points of support. To prevent damage from nylon straps, use timber spreaders at top and bottom at lifting locations as shown.

Panel Handling

Correct and Incorrect Panel Handling

Caution

Individual panels should never be moved in a flat position as excessive flexing may result. Excessive flexing ruptures a panel's core, permanently distorts the facings and may lead to thermal blistering. When moving a panel, it must be turned on its edge first, then supported at each end with as many men as necessary to safely handle.



Installation guides are available for most of Kingspan insulated roof and wall panels. For the most up to date version of this Installation guide please click here or scan the QR code below. Alternatively, please call Kingspan on:

AUS: +61 2 8889 3000 www.kingspanpanels.com.au



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

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