Note: Ensure steelwork is suitable for panels and is within tolerance Min. bearing face for vertical joint steelwork is 140mm Min. bearing face for intermediate support is 50mm

h

a

e

Fit panel bearers, located maximum 150mm from panel ends and at maximum 1500mm centres. Ensure that bearers are accurately lined and levelled

> Line, level and fix drip flashing using low profile fasteners. Joints in the drip flashing to incorporate 150mm overlap or butt straps sealed with two runs of gun-grade sealant

> > **P1**

140mm

Note: Panels can be installed in either a tiered or coursed sequence. A number of base details are available, see Kingspan standard construction details. Visually check internal liner joint to ensure panels are joined fully. Check panel cover width module as works progress to ensure "creep" does not occur, particularly important when



Locate the preformed corner panel (C1) on panel bearers and install main fasteners through the male joint. The maximum unsupported leg is 1000mm

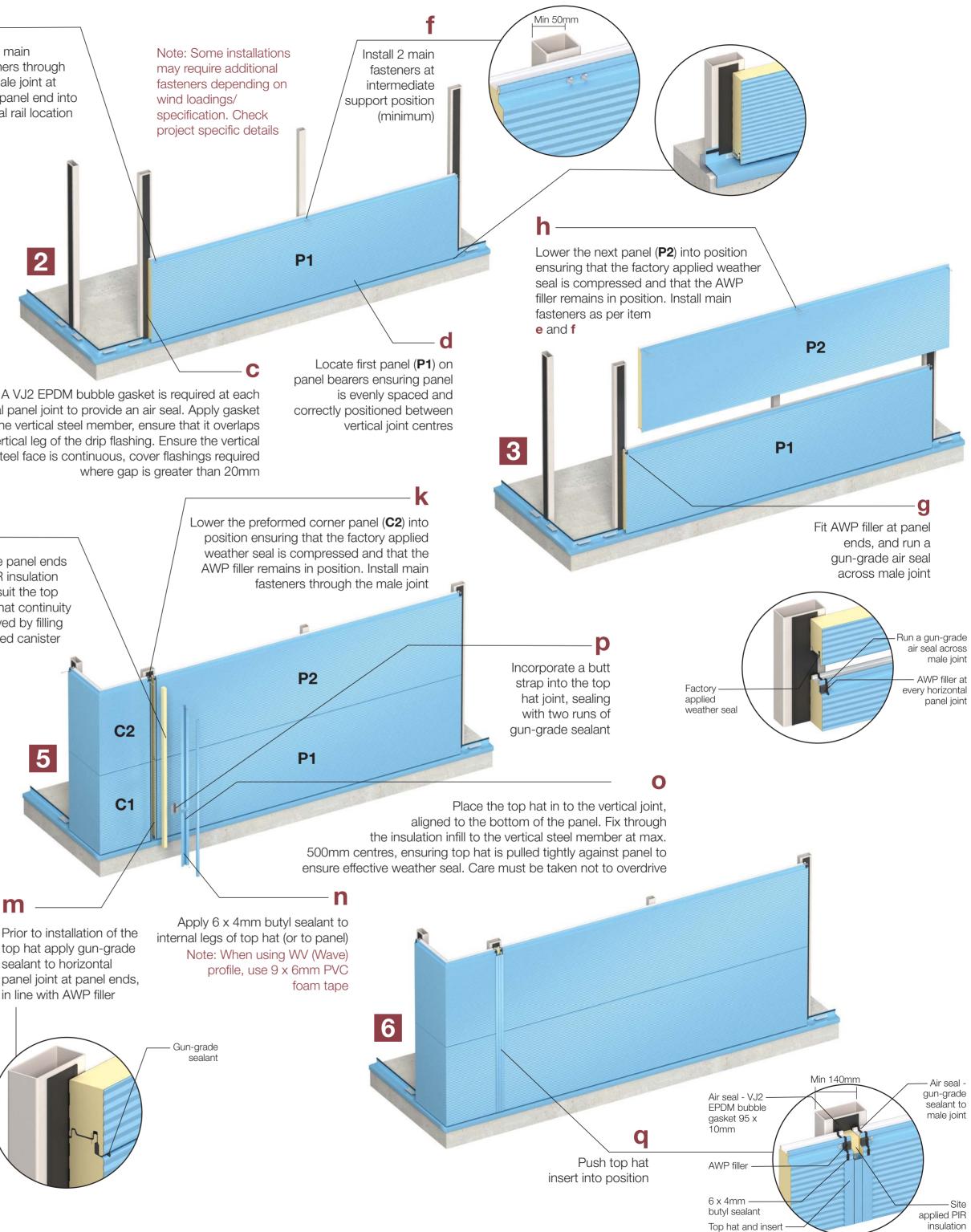
4

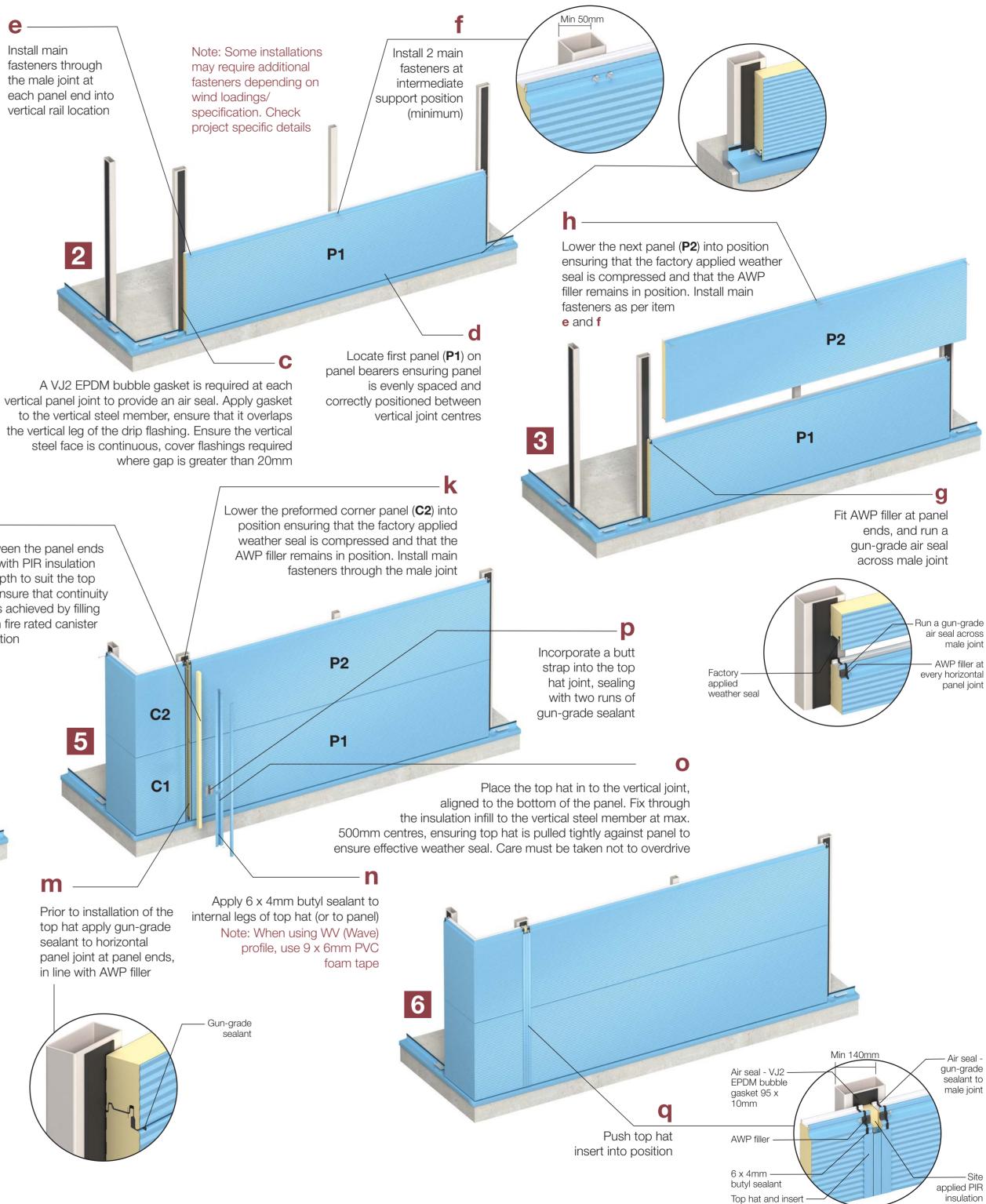
**C1** 

Install air seal and AWP filler at panel ends as previous

-Air seal - VJ2 EPDM bubble gasket 95 x 10mm AWP filler - Air seal · gun-grade sealant to male joint

The gap between the panel ends is to be filled with PIR insulation board to a depth to suit the top hat section, ensure that continuity of insulation is achieved by filling any gaps with fire rated canister applied insulation







Installation

1

Continuous run

of 6 x 4mm

butyl or gun

grade sealant

Guide

Kingspan

Insulated Panels

AWP

Filler

Base Channel

Gun-grade sealant

type - Selleys

equivalent

Permasil 626 or

Galvanised

Angle

Ledger

Butt Strap

Fire-rated Canister Foam

This installation guide should be read in conjunction

with the 'project specific' design drawings and

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

range of Kingspan Insulated Roof, Wall and Facade

future. Installation Guides are available for the full

Тор

Hat

Panel

Bearer



Horizontally Laid

Components

Primary /

Main Fastener

Low Profile

Fastener

Recessed

Washer

KS1000 AWP Wall Panel

6x4mm

Sealant

3

PIR

VJ2 EPDM Bubble Gasket

method statements.

Please call Kingspan on:

NZ: +64 3 358 7536

SEA: +65 6832 5021

Systems.

Insulation

Butyl



Min. bearing face for intermediate support is 50mm

