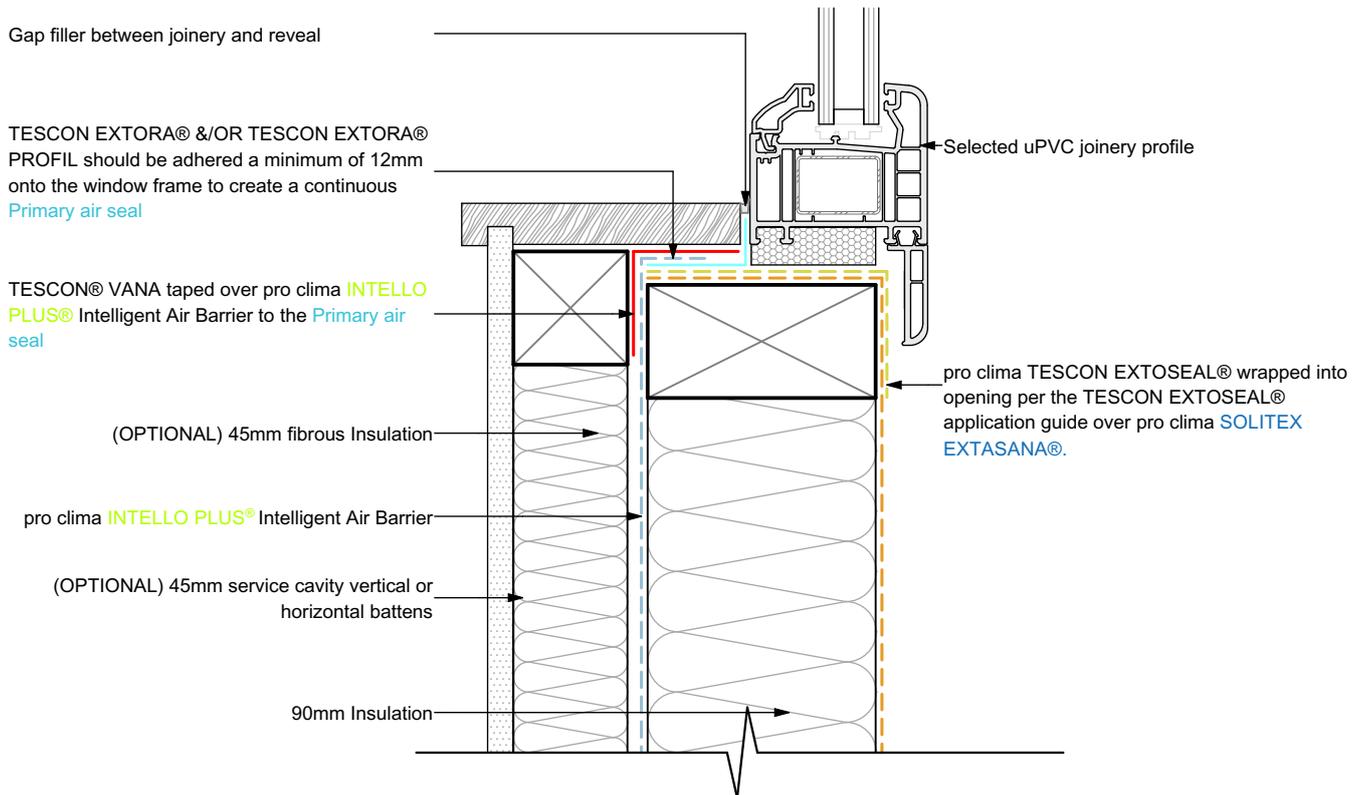


# W-4431 Pro Clima Welded uPVC Window Sill to Timber Framing



## NOTES:

- 1) Optimum weatherproofing for windows with welded joints is achieved using a front weather seal and a back air seal.
  - a) **Weather seal** is required to deflect water and prevent the majority of driving rain entering the window joint.
  - b) **Primary air seal** is required to prevent the entrainment of water into the joint by wind pressure differentials. This creates pressure equalisation and this seal must be fault free in application.

- Same detail applied when Welded uPVC Window is used in typical SIP panel construction and alternative construction.
- **Primary air seal** connecting a weather-resistive barrier to joinery **MUST** be connected continuously around the perimeter of the joinery to create an uninterrupted airtight seal
- The **Primary air seal** &/or **Weather seal** **MUST NOT** block the drainage path of the joinery or WRB
- The drainage path does include the post-warranty failure of the mitres & mitre connectors, condensing surfaces, condensation channel weep holes and dissimilar material connections.
- For clarity, the above drawing shows the location and extent of Pro Clima WRB system components only. It is the designer's responsibility to ensure NZBC compliant claddings, flashings and linings are installed to protect all membranes and tapes from UV exposure and/or damage and to ensure the drainage of water from the joinery onto the front face of the selected cladding



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