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**Vertical Cladding System**  
(see Note E)

**DANOPRIME+ and DANOSEAL**  
(must be used to ensure compatibility)

**Cladding Rail**  
(see Note D)

**Minimum 50mm Cover**  
(past mechanical penetration)

**Minimum 150mm Upstand Height**  
(see Note B)

**Angle Fillet**

**DANOSA Capsheet**  
(as specification)

**DANOSA Underlay**  
(as specification)

**GLASDAN 800 PERFORADO**  
(see Note A)

**Insulation**  
(as specification)

**Air and Vapour Control Layer**  
(as specification)

**Drawing Notes:**

All substrates should be primed or prepared in accordance with the project specification. Structural substrates shown in this drawing are for illustrative purposes only.

All reinforced bitumen membrane side overlaps should be a minimum of 80mm and head laps a minimum of 100mm.

**Note A:**  
Where a full bond to the substrate is required, or where ESTERDAN 30 P ELAST SEMIADHESVIO is used as the underlay, GLASDAN 800 PERFORADO does not form part of the system.

**Note B:**  
Minimum upstand height is measured from the finished surface of the roof finishes to the first mechanical penetration of the waterproofing or otherwise vulnerable junction. When specifying any finishes, such as paving slabs, stone ballast or a living roof, the measurement is made from the top surface of the finishes, not from the waterproofing level.

**Note C:**  
The chamfered edge of the insulation must be protected / supported. When 50mm insulation is utilised, an angle fillet is an acceptable alternative method.

**Note D:**  
Mechanical restraint, provided by the cladding rail in this illustration, is required at the top edge of the waterproofing.

**Note E:**  
When utilised, any breather membrane behind the cladding system should discharge over the waterproofing system upstand.

**Safe2Torch - A Responsible Specification:**  
This detail should be assessed to ensure that it is safe to use a gas torch. A torch-free zone of 900mm must be adopted if the conditions prohibit the use of direct flame and DANOSA Safe2Torch installation instructions (using ESTERDAN 30/P ELAST AUTOADHESIVO and sealing the specified DANOSA capsheet with hot-air) must be adopted.  
For further details see [www.nfrc.co.uk/Safe2Torch](http://www.nfrc.co.uk/Safe2Torch)

**Galvanised Steel Bracket**  
(see Note C)



**Building together**

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**Drawing Title:**  
Junction with Vertical Cladding  
Reinforced Bitumen Membranes - Warm Roof