Siplast® WALLcontrol™

Technical Bulletin

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Siplast WALLcontrol Open Joint Requirements

Siplast WALLcontrol Applicable Products

Open joint cladding is a design aesthetic that involves installing finished cladding materials with intentional gaps or joints between the panels. Where the Siplast WALLcontrol products are covered by subsequent construction that protects it from UV exposure through the open joint cladding, there is no limitation on the cladding or wall system design. Where portions of the AWB remain exposed to UV in the final installed condition and the project cladding design meets the requirements of the Open Joint Dimension Criteria in this document, the following products can be utilized in conjunction with open joint cladding configurations:

- Siplast WALLcontrol Monolith VP Adhered AWB
- Siplast WALLcontrol Reinforced Aluminum Butyl Adhered AWB
- Siplast WALLcontrol Reinforced Aluminum Butyl Adhered Flashing
- Siplast WALLcontrol Stainless Steel Butyl Adhered Flashing
- Siplast WALLcontrol Polyiso Glass-Faced Insulation (dark gray side facing out)

Open Joint Dimension Criteria

UV Exposure Zone	Cladding Thickness (variable)	Maximum Horizontal Joint Dimension	Maximum Vertical Joint Dimension	Minimum Gap Between Cladding & AWB	Maximum Elevation Opaque Area Exposure
Zone 1	X	X / 4	X / 8	X	10%
Zone 2	X	X / 2	X / 8	X / 2	25%
Zone 3	X	X / 2	X / 4	X / 2	40%

Example Calculation

*Project Location is Cleveland, OH = **Zone 3***
*Cladding Thickness; X = **2 inches***
*Maximum Horizontal Joint Dimension; X / 2 = **1 inch***
*Maximum Vertical Joint Dimension; X / 4 = **0.5 inch***
*Minimum Gap Between Cladding and AWB; X / 2 = **1 inch***
*Maximum Elevation Open Area = **40%***

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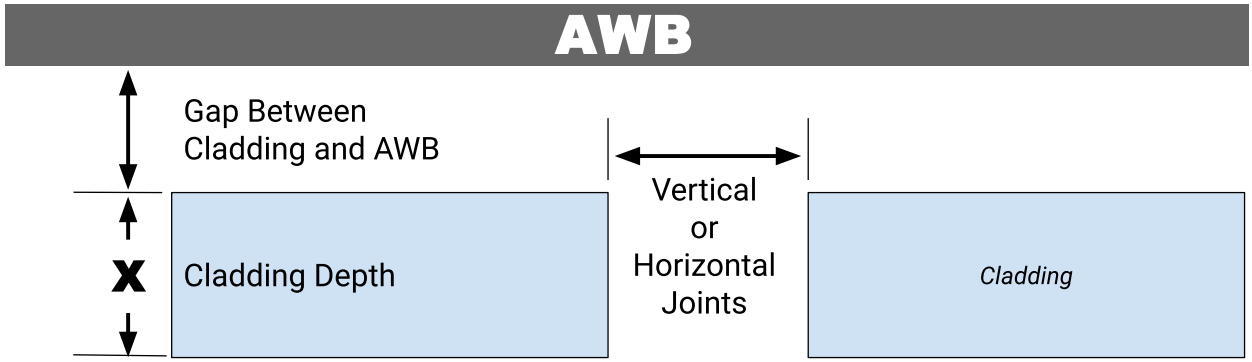
Calculation Reference, Plan View Diagram



UV Exposure Zone Map