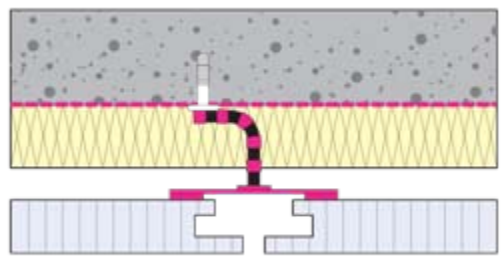
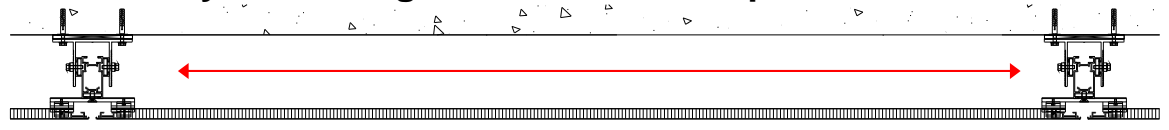


# Material choice can impact level of thermal bridging, even within rainscreen construction

Typical rainscreen will penetrate insulation in most minimal way

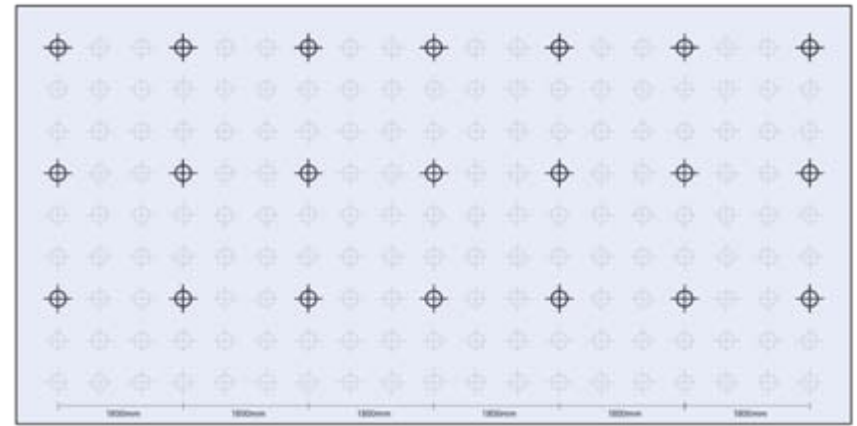
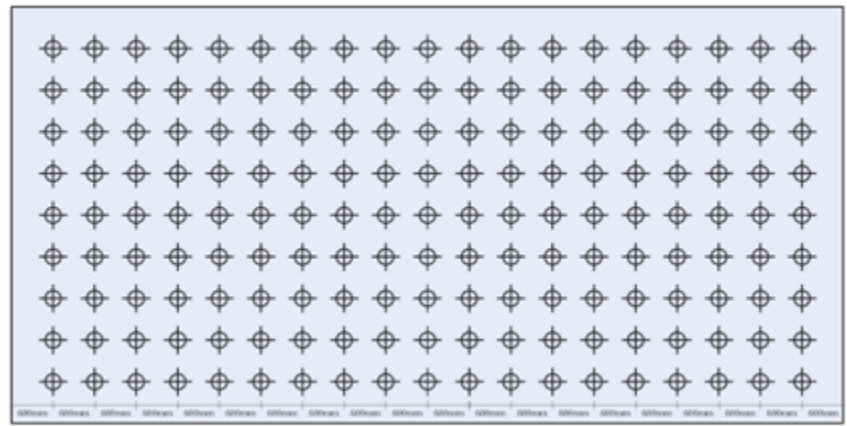


Utilizing ridged lightweight materials can further decrease bridging by increasing distance between penetrations



Strength of aluminum honeycomb construction: the "four Dutchman test"

Increasing spacing of penetration points from 24" to 72" can decrease u-value of typical assembly by ~11% (.27 W/m<sup>2</sup>\*K to .24 W/m<sup>2</sup>\*K)



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