

PLANKTM PANELS

PlankPanels-HPL
High Pressure Laminate Rainscreen Panel Assembly

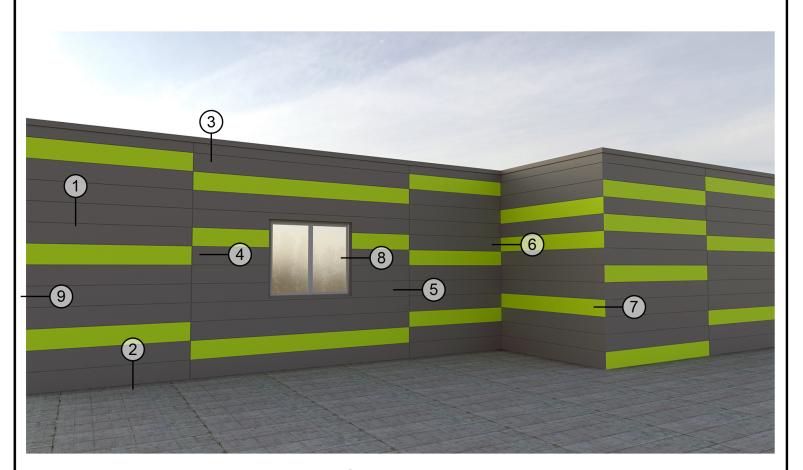
SYSTEM DETAILS

SYSTEM A40 (ABOVE 40')







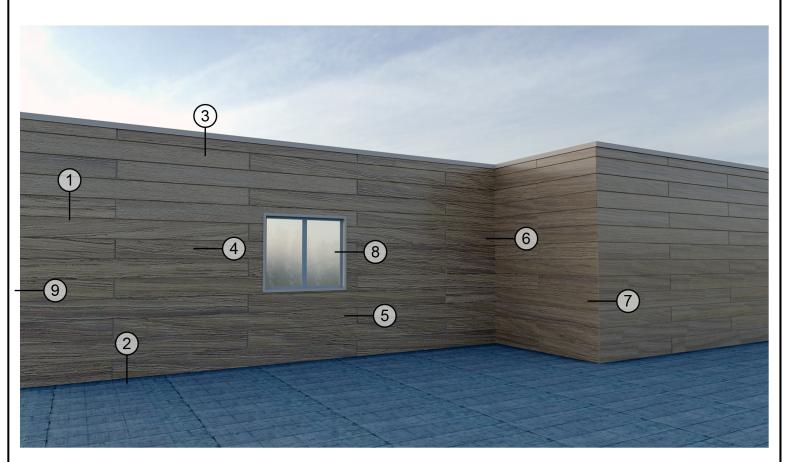


Stacked Layout







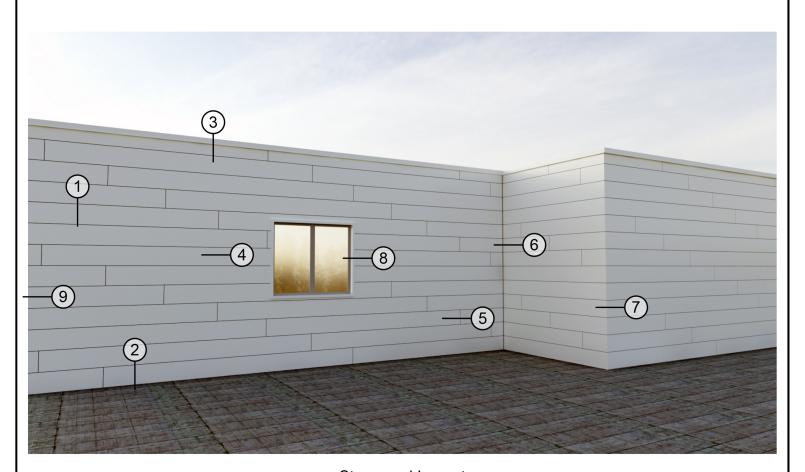


Running Bond Layout







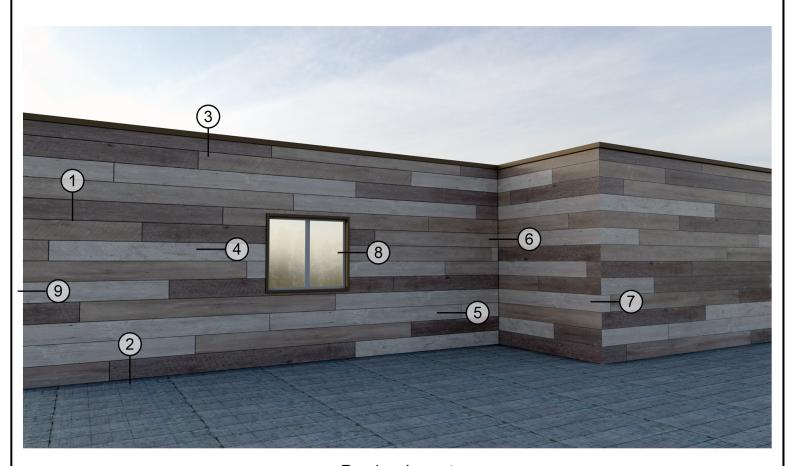


Staggered Layout





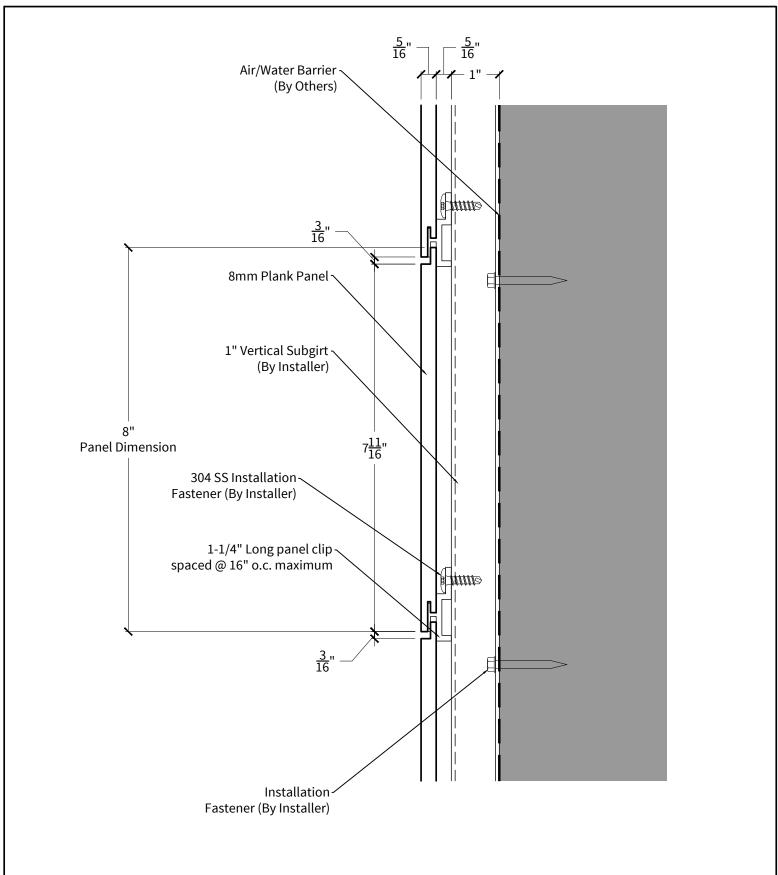




Random Layout







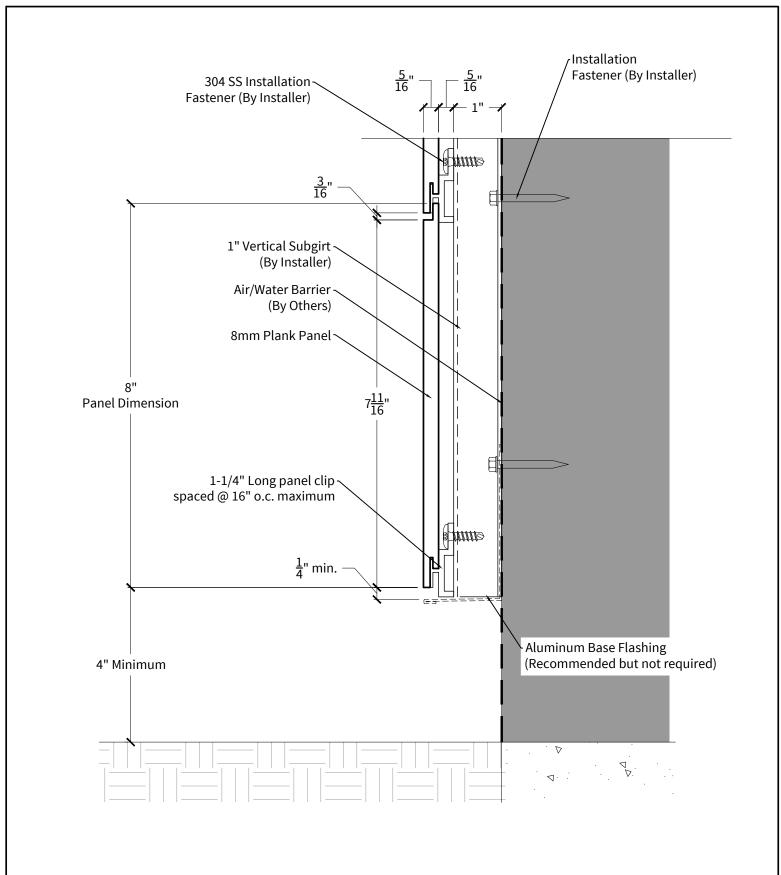
Detail:

PlankPanels Attachment System - Above 40'

Typical horizontal joint







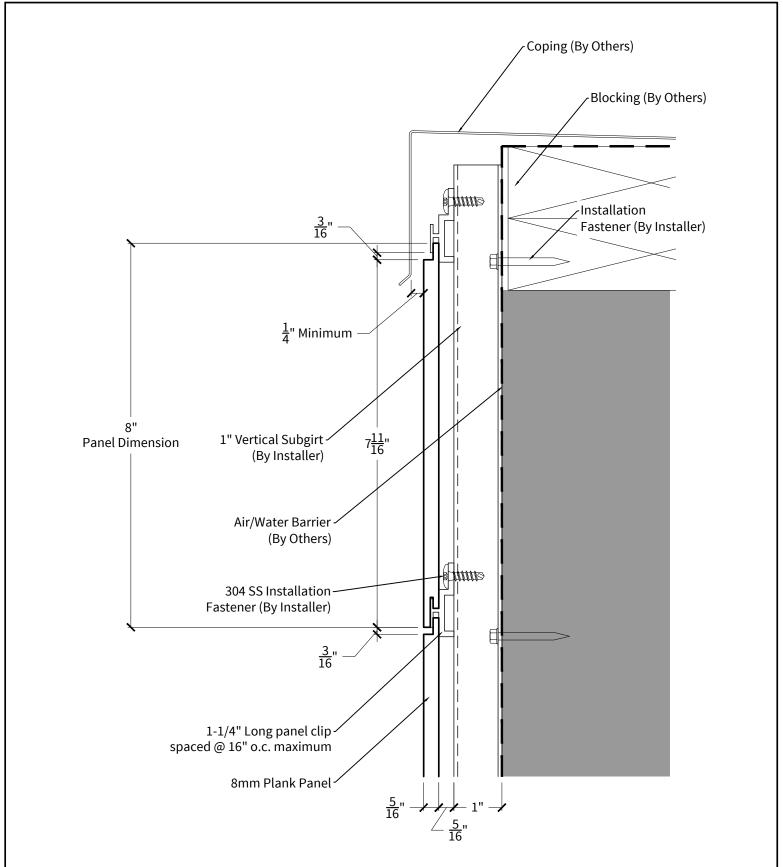
Detail:

PlankPanels Attachment System - Above 40'

Typical starter joint at base of wall







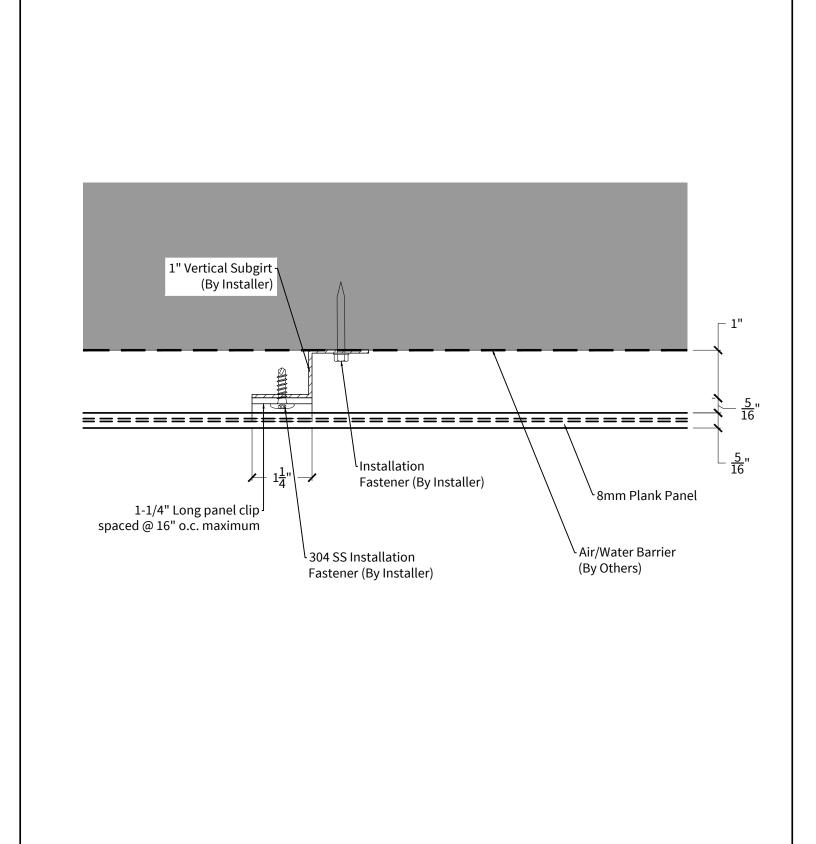
Detail:

PlankPanels Attachment System - Above 40'

Typical termination joint at top of wall

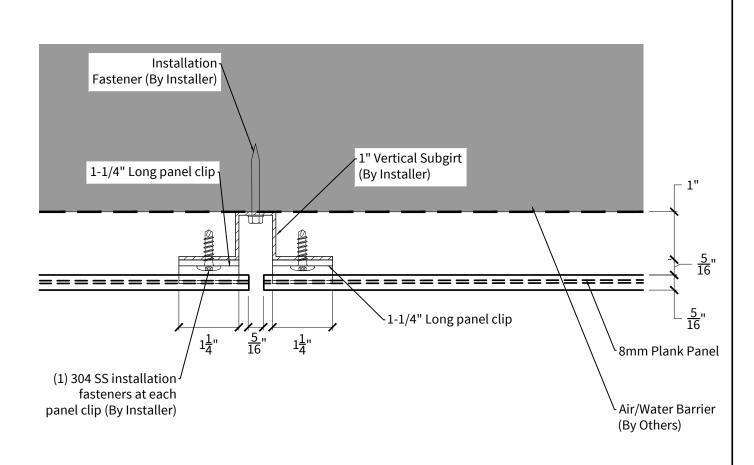






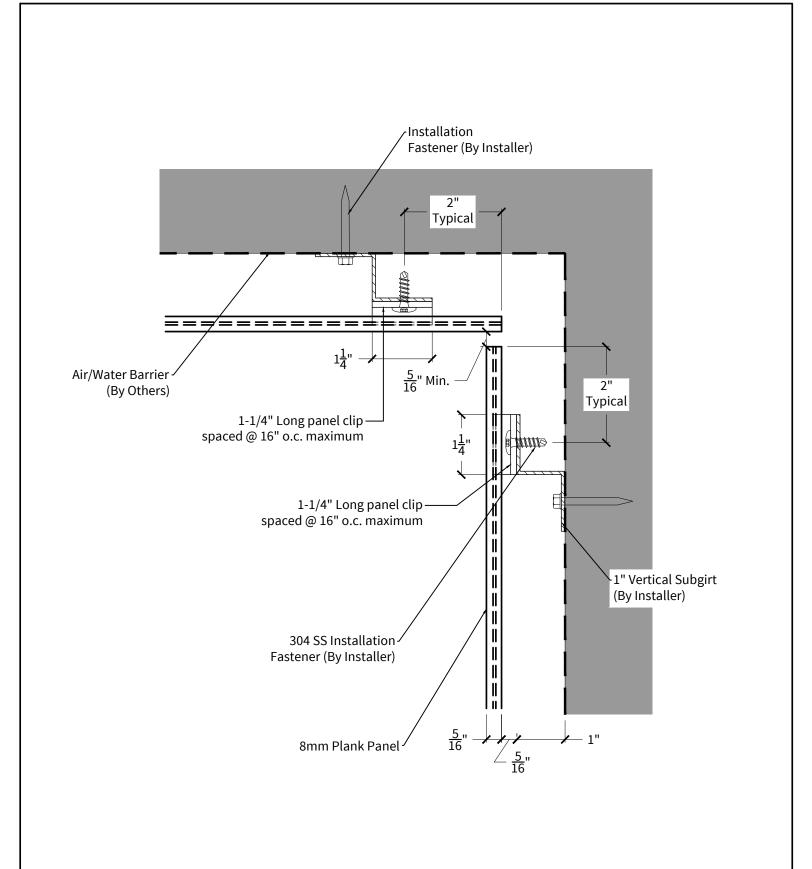






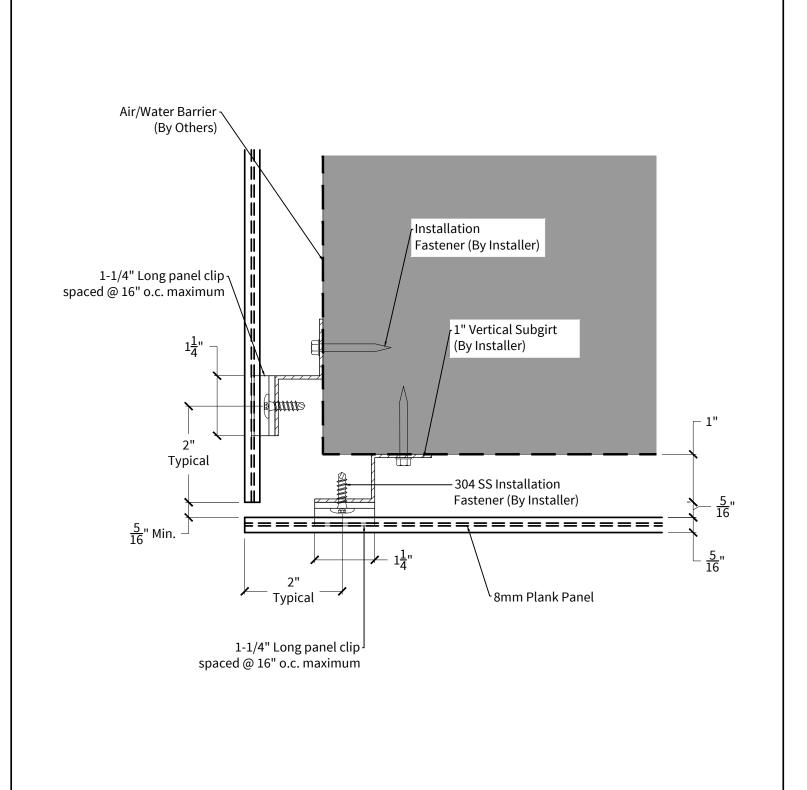






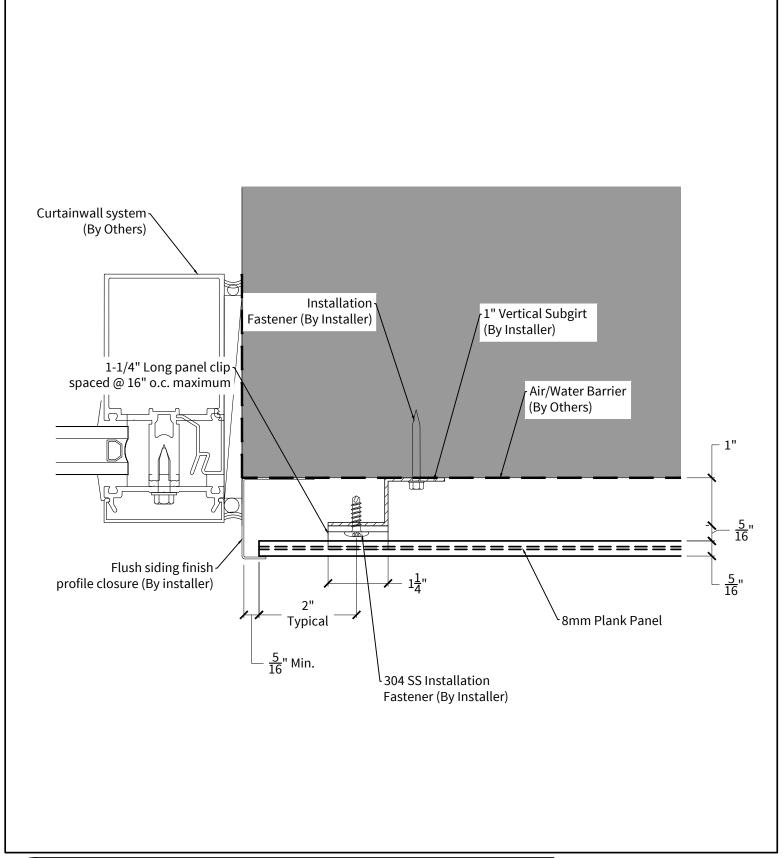






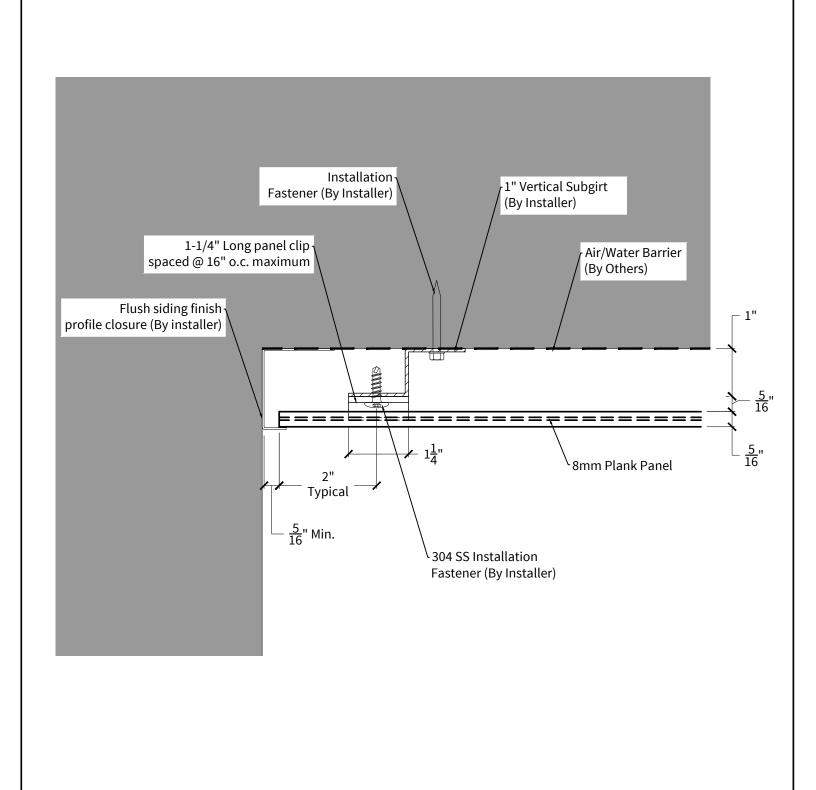






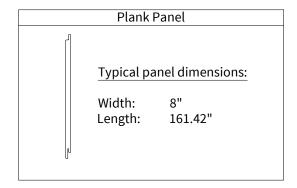


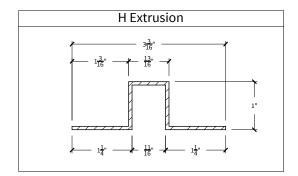


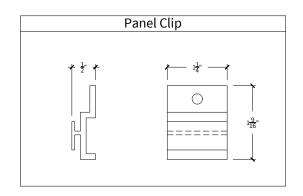


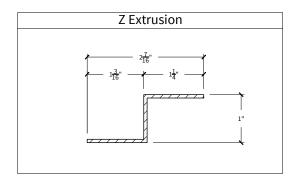














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Notes

- NFPA 285 compliant substrate assemblies are as follows: 1.) Cold formed metal stud framing with 5/8" densglass sheathing or 2.) Normal weight CMU.
- PlankPanels are most ideally paired with solid substrates that can be directly fastened into without relying on locating support framing members.
- For PlankPanels attached directly to cold formed steel framing members, steel strapping members will have to be installed where vertical joints do not align with framing members.
- A low profile set screw is required for each PlankPanels. The set screw clip should be located on closest to the
 mid-span of the PlankPanel so that the panels do not shift horizontally once installed. Installer should pre-drill
 a 3/16" diameter hole through the routed out PlankPanel flange prior to installing the low profile set screw.
- Installer is to ensure the substrate attachment fastener is installed per the manufacturer specifications for the given substrate.
- INSTALLER IS TO ENSURE THE PLANKPANELS SYSTEM IS INSTALLED PER THE RECOMMENDATIONS OF FACADES UNITED AND FUNDERMAX.

Mineral Wool Insulation Requirements For Walls Using Exterior Insulation

- The mineral wool must meet the requirements of ASTM C612.
- The mineral wool shall not have any type of facer (foil, etc.) on either side.
- The mineral wool shall be non-combustible via ASTM E 136 testing.
- The R value of the mineral wool shall be a minimum of 2.0.
- The mineral wool insulation must be securely attached to the wall system by either being mechanically attached back to the base wall assembly using insulation pins or equivalent or friction fit within the exterior wall assembly cladding rail system.
- The density of the mineral wool must be a minimum of 4lbs. per cubic foot.

NFPA 285 Complying Water-Resistive Barriers		
Insulation Requirements	Water-Resistive Barrier Products	
Less than 2-Inch Layer of Mineral Wool, Minimum	Prosoco: Dupont: VaproShield: Pactiv GreenGaurd: Cosella Dorken: 3M: Davis Wire: Mid-State: Hohmann & Barnard:	R-Guard Spray Wrap, R-Guard MVP Tyvek, Tyvek Commercial WrapShield (Green), RevealShield, WrapShield (Orange; as tested) C500, C200, RainDrop 3D, Classic Wrap Delta-Vent S/Plus, Delta-Foxx/Plus, Delta-Maxx/Plus Self-Adhered AVB Membrane 3015 Building Paper Building Paper Enviro Barrier VP (15 mils DFT)
2-Inch or Thicker Layer of Mineral Wool, Minimum	Any WRB can be used including asphaltic, butyl based products	



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