

HIGH STRENGTH ACRYLIC MODIFIED POLYESTER "R" PANEL
With Condensation abatement
Under-panel

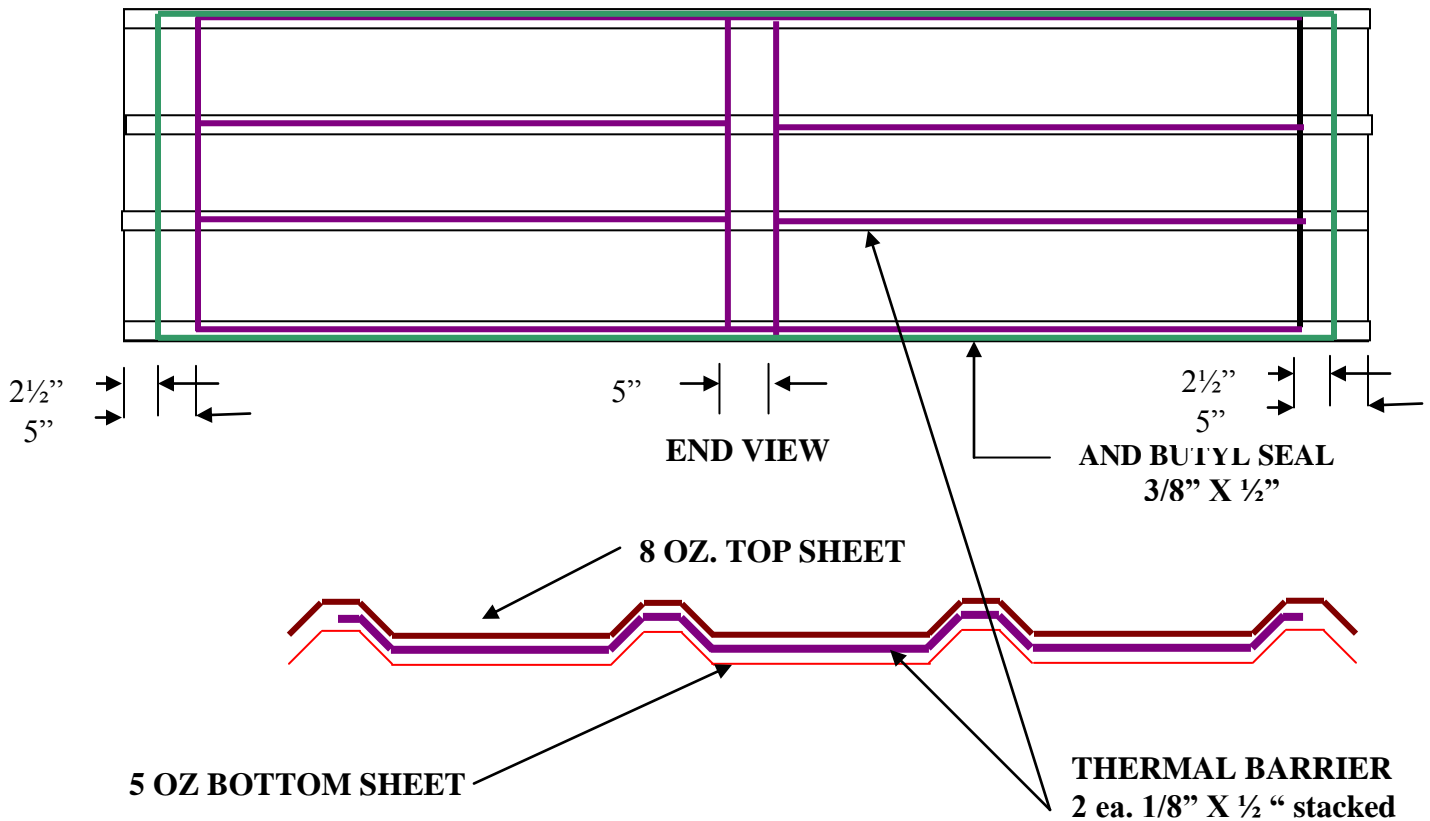
STANDARD CONFIGURATION

F&F ASSEMBLIES insulated light transmitting assembly consists of a full 8 oz. High Strength ACRYLIT Modified Polyester light transmitting panel with a 5 oz. clear light transmitting panel laminated onto it utilizing a series of thermal breaks with compartmentalization to afford minimal loss of thermal conductivity in the event of penetration of hail etc..

The F&F ASSEMBLIES Insulated System furnishes a "U" Factor of .61, which is a tested factor with test data included for the ACRYLIT SYSTEM.

The system is designed with fastener locations at both ends of the panel as well as the center section to allow for fastening across the center purlin and lap locations.

BOTTOM VIEW



All dimensional variations of this system are subject to change at the discretion of the customer's engineering requirements.

F & F ASSEMBLIES INC.
Oakhurst, Texas 77359

HIGH STRENGTH ACRYLIC MODIFIED POLYESTER "R" PANEL

With Condensation abatement

Under-panel

Product Description: Consisting of an 8 oz. Acrylic Modified Polyester Translucent Panel Woven Roving Fiberglass Reinforcement with a 5 oz. chopped strand under-panel used to form dead air thermal condensation abatement.

PHYSICAL PROPERTIES

Surface..... Smooth or Textured

Color..... Frost White

Width..... 38"

Length..... Cut to Specifications

<u>PHYSICAL PROPERTY</u>	<u>ASTM STANDARD.</u>	<u>WOVEN ROVING VALUES</u>
Tensile Strength	D638	24,500 psi.
Tensile Modulus	D638	1.2 X10 ⁶ psi.
Flexural Strength	D790	29,300 psi.
Flexural Modulus	D790	1.11 X 10 ⁶ psi.
Compressive Strength	D695	28,905 psi.
Burning Rate	E84	<2.0 in./min.
Uniform Building Code Classification	N/A	CC2
Barcol Hardness	D2583	CCI available 40 – 50
Light Transmission	D1494	55-60
U factor (with film coefficients)		.61

Tolerances

Panel Weight..... +/- 10%.

Rib Height..... +/- 1/16th

Length..... +/- 1/8th

Width..... +/- 1/8th

Codes and approvals

ASTM-D3841-97
UL90

“Specifications for Glass Fiber-Reinforced Polyester Plastic Panels”
Recognized Component File (#R5214)

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