



ADHESION AND CHEMICAL COMPATIBILITY OF AIR-SHIELD LMP & AIR-SHIELD TMP WITH STANDARD CONSTRUCTION MATERIALS

Generic Building Material	Compatibility	Installation Notes
Fiberglass Faced Sheathing (i.e., DENSGLASS®GOLD)	Recommended	Some sheets are highly absorbent; may require additional material to achieve required dry film thickness. Moisture content of fiberglass faced sheathing shall be less than 5%.
Gypsum Sheathing	Recommended	Some sheets are highly absorbent; may require additional material to achieve required dry film thickness. Moisture content of fiberglass faced sheathing shall be less than 5%.
Plywood	Recommended	Moisture content of wood shall be less than 20%. OSB or treated lumber may have a surface residue that will interfere with adhesion; on-site confirmation of adhesion is recommended before full scale application.
OSB		
Pressure Treated Lumber or Fire-Treated Lumber		
Structural Steel	Recommended	Remove loose rust and scale. Degrease.
Concrete	Recommended	Allow concrete to cure 7 days minimum. Concrete surfaces shall be smooth and free of all surface irregularities. Form ties shall be ground flush and patched. Concrete surface must be dry and free of frost and dew.
CMU, Brick and Non-Porous Stone	Recommended	Joints shall be free of voids, struck flush and mortar droppings removed from ties and surfaces.
Aluminum	Recommended	
Copper Flashing	Not Recommended	Properties of copper may result in loss of adhesion over long periods of time.
Stainless Steel Flashing	Recommended	
Rigid PVC	Recommended	
Flexible PVC	Not Recommended	
Acrylic-Based Painted Surfaces	Recommended	Ensure that paint is soundly adhered and not flaking or have visual cracks.
Poly-Faced EPS and XPS Insulation	Not Recommended	
Closed Cell Spray Foam	See Installation Requirement	Membrane over foam: not recommended . Spray foam over membrane: recommended; must follow maximum allowable thickness per pass as established by the foam manufacturer. Over application of foam in single pass will cause excessive heat build-up which may result in shrinkage and delamination of membrane.

Note: All surfaces must be dry, clean and sound.

These recommendations are intended to assist the licensed design professional and the installer to understand compatibility. These recommendations do not supersede project specifications and are not standalone. All W. R. MEADOWS products must be installed per the appropriate drawings, details and literature.

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