



# TECHNICAL BULLETIN

## ADHESION AND CHEMICAL COMPATIBILITY OF BEM WITH GENERIC CONSTRUCTION MATERIALS

Generic Building Material	Compatibility	Installation Notes
Exterior Gypsum Sheathing (i.e., DensGlass®)	Recommended	Moisture content of fiberglass-faced sheathing shall be less than 5%.
Gypsum Sheathing	Recommended	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: OSB or treated lumber may have a surface residue that will interfere with adhesion; onsite 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 3 days minimum. Concrete surfaces shall be smooth and free of all surface irregularities. Form ties shall be ground flush and patched.
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	Recommended	
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	Recommended	
Closed Cell Spray Foam	See Installation Requirement	Spray foam over BEM: Recommended; must follow maximum allowable thickness per pass as established by foam manufacturer. Over-application of foam in a single pass will cause excessive heat buildup 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 shall not supersede project specifications and are not standalone. All W. R. MEADOWS products must be installed per the appropriate drawings, details and literature. This document does not extend any approval for use beyond the provisions in W. R. MEADOWS published warranties.