

CUSTOM MBP Multi-Surface Bonding Primer™

Ready-to-use primer for difficult-to-bond substrates

FREQUENTLY ASKED QUESTIONS



- Question:** Can Multi-Surface Bonding Primer (MBP) be used over painted surfaces?
Answer: Yes, provided the paint is well bonded to the substrate. The painted surface should be thoroughly cleaned to remove any contaminants that would interfere with the bond. Remember, the bond of the tile assembly will only be as good as the bond of the paint to the substrate. (Do not use chemical cleaners that may compromise the paint).
- Question:** How is MBP used over cutback and other adhesive residue?
Answer: MBP should not be applied over thick layers of cutback or other flooring adhesives. Adhesive layers must be removed, as they reduce bond strength. Adhesive residue must be wet scraped to the finished surface of the concrete, leaving only the transparent staining from the cutback adhesive. To determine desirable results, conduct a bond test. Reference the RFCI / Resilient Floor Covering Institute's "Recommended Work Practice for Removal of Resilient Floor Coverings" document.
- Question:** Can MBP be applied to polished or sealed concrete?
Answer: Yes, MBP can be applied to most sealed concrete. Because there are many types of sealers in use, it is advisable to test the bond with a mockup before starting the project. (Thoroughly clean polished surfaces and allow to dry completely. Do not use harsh chemical cleaners).
- Question:** Can MBP be used over concrete curing compounds?
Answer: No, most concrete curing compounds must be mechanically removed from the surface of the concrete before applying MBP. When you are not sure if a coating may be present on a concrete surface, contact CUSTOM Technical Services for assistance.
- Question:** Will Multi-Surface Bonding Primer provide crack prevention?
Answer: No, MBP is not designed to meet the requirements of ANSI A118.12 for Crack Isolation Membranes. To protect the tile from crack transmission, consider the addition of CUSTOM's RedGuard® Waterproofing and Crack Isolation Membrane or CrackBuster® Pro Crack Prevention Mat Underlayment.
- Question:** Can MBP replace Peel & Stick Primer for installing CrackBuster Pro and EasyMat®?
Answer: No, Peel & Stick Primer was specially formulated to provide a slightly tacky surface, even in cold climates. MBP is a harder polymer and the aggregate in the film will make it difficult to get complete adhesion between the membrane and the dried MBP.
- Question:** Can MBP be used over a gypsum-based underlayment such as gypsum-based concrete?
Answer: Yes, MBP has been formulated to bond to poured gypsum underlayments and provides a barrier between the Portland cement installation products and the gypsum underlayment.
- Question:** Can MBP be used to prime OSB?
Answer: Yes. Bonding cement-based mortars and underlayments directly to OSB is not recommended. The OSB fibers can swell when exposed to the alkali-rich water found in tile installation materials. MBP will protect the OSB from damage due to the free water in the mortar and underlayment. The OSB should still be protected from environmental moisture that could cause it to warp and crack the tiles.



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- Question:** Do I still need to use lath with MBP and a self-leveling underlayment over plywood or OSB?
Answer: Yes, MBP does not reduce the deflection of the plywood or OSB between supports. Deflection can cause the self leveling underlayment to crack or delaminate, cracks can propagate into the ceramic tile, therefore lath is required for most levelers. (CustomTech WSF or LevelQuik Advanced do not require lath)
- Question:** Can MBP be used to prime Advantech for direct bond with a dry-set mortar?
Answer: Advantech is a subfloor material and requires a suitable underlayment for the installation of ceramic and natural stone tile. For interior dry areas, MBP may be used as a primer when mortar is required to install uncoupling mats and radiant heat mats.
- Question:** Should I coat the back of resin-backed tile with MBP?
Answer: Yes, with many resin backings, this will improve the bond of the dry-set mortar. The MBP will bond to most resin backings, but will not improve the bond of the resin backing to the tile. There are many different types of resin backing and the only way to assure an adequate bond is by creating a mockup. For installations exposed to water, EBM Epoxy Bonding Mortar or CEG Lite epoxy grout is recommended.
- Question:** Is MBP a waterproofing membrane?
Answer: No, while MBP has excellent water resistance, it is not considered a waterproofing membrane for ceramic tile installations. It does not meet the requirements of ANSI A118.10. For these needs, CUSTOM offers RedGard Waterproofing and Crack Isolation Membrane.
- Question:** Can MBP be used in submerged applications such as fountains and swimming pools?
Answer: No, it is not designed for use in areas subject to prolonged water immersion. RedGard Waterproofing and Crack Isolation Membrane is recommended for preparing the tiled areas of fountains and pools.
- Question:** Can RedGard Waterproofing and Crack Prevention Membrane be applied to the dried MBP?
Answer: Yes, if waterproofing is required and there is a concern with adhesion to the surface, RedGard can be applied to fully cured MBP.
- Question:** Can MBP be used for exterior applications?
Answer: Yes, on residential projects only.
- Question:** Can MBP be used to control moisture vapor emissions from a concrete slab?
Answer: No, MBP should not be applied to a damp slab with moisture vapor emissions greater than 5 lbs./day/1000 sq. ft. or 75% relative humidity. It will not control excessive moisture vapor emissions. For these conditions, consider installing CustomTech MVC or RedGard Uncoupling Mat.

Contact CUSTOM Technical Services for further information @ 800 282 8786.



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