

Slab Basics	<ul style="list-style-type: none"> • Allow slab to cure for 3 days. Check Moisture with ASTM D4263 • Seal Coat & Bond Breaker reduce adhesive strength. Clean bonding areas where necessary. • Poor application and removal of densifiers can prevent adhesives from working properly
Materials	<p>Adhesives Grade</p> <ul style="list-style-type: none"> • Moisture Resistant MDF (MR-50), Plastics <p>Non-Adhesive Grade</p> <ul style="list-style-type: none"> • MDO, Non-Moisture Resistant MDF, Raw Wood
Application	<p>Slab Preparation</p> <ul style="list-style-type: none"> • Use Broom and Leaf Blower to remove dust, dirt and debris • Chalk Lines <ul style="list-style-type: none"> ○ Applying Bond Breaker over chalk lines will cause adhesive to fail ○ Follow an assembly line forming process to make using bond breaker unnecessary <p>Solvent Cleaners</p> <ul style="list-style-type: none"> • If necessary, wipe bonding area with fast flashing solvent <ul style="list-style-type: none"> ○ Xylene, Acetone, Denatured Alcohol ○ Wipe area with clean rag to remove excess solvent before applying adhesive • Never use oil based products such as Mineral Spirits or Lacquer Thinner <p>Spray Technique</p> <ul style="list-style-type: none"> • Apply adhesive to both substrates • Spray in a straight line with a single pass not back and forth. About 80% coverage • Avoid over application and adhesive bubbling <p>Material Bonding</p> <ul style="list-style-type: none"> • Attach material moving from one end to the other • Walk on materials to compress bond. • Leave gaps between materials to allow for expansion <p>Adhesive Strength</p> <ul style="list-style-type: none"> • Materials will bond instantly • Adhesive will reach maximum strength after 24 hours • To test initial adhesive strength use hand pressure. Do not kick or hit with a blunt object <p>Bond Breaker</p> <ul style="list-style-type: none"> • Over application of bond breaker to bonded materials can damage the adhesive
Weather	<p>Wet slab</p> <ul style="list-style-type: none"> • Dry substrates are critical to bonding success • Remove surface water with brooms and squeegees • Dry with leaf blowers <p>Materials</p> <ul style="list-style-type: none"> • If possible cover materials to prevent exposure to water • Adhesive Grade Materials <ul style="list-style-type: none"> ○ Wipe dry and use a normal • Non-Adhesive Grade Materials <ul style="list-style-type: none"> ○ Dry completely before bonding
Cleanup	<p>Tools</p> <ul style="list-style-type: none"> • Long handle scrapper • Riding Trowel Brushes <p>Liquids</p> <ul style="list-style-type: none"> • Water and/or solvents can be used to soften adhesive for easier removal • Test solvents before use to ensure they will not stain the slab