

TECHNICAL DATA

QuikBond™

DESCRIPTION:

- A water-based, non-asbestos, polymer modified asphalt emulsion adhesive for bonding approved roofing and waterproofing insulations.

FEATURES:

- Cold applied by notched squeegee or multi-port adhesive applicator capable of applying a minimum of ½ inch diameter beads.
- Cures to a tenacious flexible bond that resists cracking, moisture and chemical attack.
- Solvent Free.

APPROVED SUBSTRATES:

- Structural Roof Decking: concrete, gypsum, cementitious wood fiber (tectum)
- Base sheets
- Approved insulations (multi-layer applications)
- Smooth built-up roof surfaces (recover applications)
- Primed concrete or masonry foundations

APPROVED INSULATIONS*:

Insulation Type	Min. Thickness (inches)
HD Wood Fiber**	25/ 32
Isocyanurate	1.2
Fiberglass	3/ 4
Perlite	3/ 4
Styrofoam	1/2

* not recommended for insulation boards larger than 4'x4'

** coated 5 sides

APPLICATION:

- Ready to apply. Do not heat. Do not thin.
- **KEEP CONTAINER COVERED** when not in use to the formation of a skin. During application a wet cloth, draped over the open container will assist in preventing rapid skin over.

SURFACE PREPARATION:

- All work surfaces must be clean, dry, free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membranes, biological growth (mold, mildew, fungus, algae and moss), and other contaminants that may result in a surface that is not sound.
- On recover work, to ensure a properly prepared surface use **MASTR Cleanse AR** to clean substrate prior to application of **QuikBond**.

APPLICATION DIRECTIONS:

- Apply **QuikBond** directly to the properly prepared substrate using a notched squeegee or multi-port adhesive applicator, achieving ½" - ¾" beads equally spaced from one another.
- **Within 10 minutes of application**, place insulation boards into the adhesive. **Do not** slide the board across the adhesive. **Do not** allow the adhesive to skin over or

Step each board into place to ensure contact with the adhesive.

- Substrates with irregular surfaces may prevent the adhesive from making and/or maintaining positive contact with the adhesive. Temporary weight or relief cuts may be required to ensure adequate contact.

COVERAGE RATES:

Substrate	Coverage
Concrete, gypsum, tectum	1 gallon per 100 sq. ft.
Fiberglass	1.5 gallons per 100 sq. ft.
Smooth BUR	2 gallons per 100 sq. ft.

Coverage Rate	Bead Size
1 gallon per 100 sq. ft.	4 beads, ½" x 4' per 4'x4' board
2 gallons per 100 sq. ft.	4 beads, 1" x 4' per 4'x4' board

APPLICATION PRECAUTIONS:

- **DO NOT** apply if temperatures are expected to drop below 50°F within 6 hours of application.
- **NOT** intended for areas that pond water.
- **NOT** recommended for insulation boards larger than 4'x4'.
- **DO NOT** use warped or curled boards. **All** insulation boards must lay flat upon the substrate.
- **DO NOT** apply to damp or wet surfaces.
- **DO NOT FREEZE.**
- **DO NOT THIN.**

CLEAN UP:

- Immediately rinse/flush equipment and tools with water after use. If material has dried use mineral spirits, exercising all flammable liquid precautions. Use waterless hand cleaner on skin.

TYPICAL PROPERTIES:

Property	Test Method	Result
Wt/gal, lbs.	D2939	8.8-9.1
Solids, % by wt.	D2939	68-72
	D2697	66-70
Viscosity, cps	Brookfield, T-spindle @ 2.5 rpm	25,000-35,000
pH		9.0-10.0
Flash Point, °F	PMCC	None
Color, Cured	Visual	Black
Drying time, Touch	70 °F/50% R.H.	½ hour
Shelf Life	70°F/50% R.H.	1 year
VOC	EPA Method 24A	2 gm/liter max.

PACKAGING:

- 5-gallon pails (48 lbs.) and 55-gallon drums (525 lbs.)

SPECIFICATION COMPLIANCES:

- None available

SAFETY AND ENVIRONMENTAL PRECAUTIONS:

- **CONSULT MATERIAL DATA SAFETY SHEET FOR DETAILED HANDLING AND DISPOSAL**