

## #404 BULLDOG QUIKBOND™ INSULATION ADHESIVE/WATER BASED



### 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 1/2 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
Styrofoam .....	1/2
EPS .....	1

\*not recommended for insulation boards larger than 4' x 4'

\*\*coated 5 sides

### SURFACE PREPARATION & REPAIRS

All 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.

### METHOD AND RATE OF 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.

### APPLICATION DIRECTIONS:

- ~Apply QuikBond directly to the properly prepared substrate using a notched squeegee or multi-port adhesive applicator, achieving 1/2" - 3/4" 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 cure before placing the board. 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, 1/2" 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 water-less hand cleaner on skin.

CONTAINER SIZE	APPROXIMATE SHIPPING WEIGHTS
5 Gallons	48 Pounds
55 Gallon	525 Pounds

**TYPICAL PHYSICAL CHARACTERISTICS**

Weight per Gallon .....	Test Method D2939, 8.8 - 9.1 lbs.
% Solids by Volume .....	Test Method D2697, 66 - 70
% Solids by Weight .....	Test Method D2939, 68 - 72
Viscosity, cps.....	Test Method, Brookfield,T-spindle @ 2.5 rpm 25000 - 35000
pH .....	9.0 - 10.0
Flash Point, ° F. ....	Test Method PMCC, NONE
Color, Cured .....	Test Method, Visual Black
Drying Time, Touch .....	Test Method 70 ° F./50% R.H. .... 1/2 hour
Shelf Life .....	Test Method 70 ° F./50% R.H. .... 1 year
VOC .....	EPA Method 24 A 2 gm/liter max.

SPECIFICATION COMPLIANCES: NONE AVAILABLE

SAFETY AND ENVIRONMENTAL PRECAUTIONS:  
CONSULT MATERIAL DATA SAFETY SHEET FOR DETAILED HANDLING AND DISPOSAL

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**The typical characteristics shown for this product are based upon the average of test results conducted on the finished product and on the raw material components used. They are subject to production variations and may be changed without notice. All other information contained on this sheet is to be used as a guide. For proper use and application please observe instructions and cautions on container.**

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