

Ready Bond

**POLYURETHANE
BEAD ADHESIVE**

Item: AP030001

Product Description

Ready Bond is a single-component moisture cure polyurethane adhesive designed to provide excellent bonding strength while offering the chemical and moisture resistance properties associated with polyurethane. Simple, easy-to-use application system.

Applications

- Bond polystyrene and polyurethane insulation to virtually any substrate
- Construction: architectural foam bonding, sub-floor adhesion, floor to wood joist, flooring materials, FRP and more
- Multi-purpose bonding where polyurethane adhesives are used
- Also bonds many more substrates like virtually all wood, concrete, fibreboard, drywall, laminates, etc.

Benefits

- Single component
 - Moisture cure
 - Fast application and controllable bead
 - Structural strength in 24 hours or less
 - Water & chemical resistant
 - Temperature resistant to > 400°F (200°C)
 - More cost effective than traditional cartridges
 - VOC free
 - Excellent high coverage
 - Five-minute open time
 - Full strength achieved in 24 hours
 - No ODS (Ozone Depleting Substances)
 - Qualifies for LEED®-NC & CI EQ Credit
- 4.4: laminating adhesives shall contain no urea formaldehyde resins

Directions for Use

Ready Bond is designed as a portable, self-contained system for field or shop applications. Shake or agitate gently before using. Adhesive should be applied in a thin bead to one of the surfaces to be bonded. If needed, smooth/even the surface of the foam adhesive to create a thinner bond line. Bonds should be made within 5 minutes of application. Be sure to apply adequate pressure to ensure maximum bonding! Bonded surfaces will begin to cure in approximately 15 minutes, depending on temperature and humidity. Full cure is reached after 24 hours. Clean excess adhesive immediately with solution or adhesive remover.

Canister system will spray adequately above 60°F

Canister system should be kept in warm area. In the event that the canister gets too cold and/or dispenses abnormally slow, warm up before continuing usage. Warming canister by immersion in warm water is recommended.

Notice!!! Do not store at temperatures over 120°F

Canister System Usage

When hose is connected, keep canister valve open and hose pressurized at all times. Do not disconnect the hose until ready to connect to new canister. Release pressure in hose before disconnecting from canister. Clean tip with adhesive remover or other suitable solvent when work is completed or if application is halted for more than 10 minutes. When work is done, flush hose and gun with adhesive remover if system will not be used again within the next 24 hours.

Technical Data

VOC Content: 0 grams per liter

Solids: 100% Polyurethane Base

Appearance: Pale yellow

Shelf Life: 15 Months

Sizes: 22L Disposable Canister

Temp Resistance: Shear adhesion failure greater than 400°F (200°C)

Coverage: THEORETICAL COVERAGE YIELD (calculated) of Large 22L Canister

With cured bead size of approx 1/4 inch bead – 15,750 linear feet

With cured bead size of approx 3/8 inch bead – 10,250 linear feet

With cured bead size of approx 1/2 inch bead – 7,800 linear feet

With cured bead size of approx 3/4 inch bead – 4,750 linear feet