

PRODUCT DATA SHEET

PRODUCT NAME:

PRO BOND CAL COMPLIANT AIR ASSISTED CANISTER ADHESIVE

PRODUCT NUMBER:

WUR-CAL-AC

WUR-CAL-AC-R

Typical Physical Properties:

Adhesive:	Flam/Flam (propellant/adhesives)
Spray Pattern:	Mist or Web
Dry Time:	2 - 3 Minutes
Solvents:	Compressed Air
Open Time:	30-45 minutes
VOC:	0 g/l (EPA Method 24)
Color:	Natural
Coverage Rate:	2.5-3.0 dry grams/sq ft minimum
Flammability:	Highly Flammable
Clean Up:	WUR-SOLVENT or Cleaner
Shelf Life:	1 Year in Unopened Container

Qualifies for LEED®-NC & CI EQ Credit 4.4: laminating adhesives shall contain no added urea formaldehyde resins

Properties:

- CAL (SCQAMD) Compliant
- OTC Compliant
- Mist spray pattern eliminates telegraphing
- Soft spray allows for greater control of pattern and application rates
- High solids means extended mileage
- Excellent Heat resistance and bond strength

Application:

1. Prepare the surface to be bonded. Ensure both surfaces are clean and free of dust, dirt and grease. If necessary, wipe clean with Citrus Cleaner.
2. Hold spray gun at a constant distance of between 6-10 inches (150-250 mm) from the surface, allowing adhesive to cobweb across the surface with minimal overlap for thick laminates. For thin laminates allow for approximately 50% overlap of successive passes to prevent telegraphing.
3. Maintain a constant hand speed during spraying. Apply a consistent and thorough coating without allowing the adhesive to puddle or heavily wet the surface. Maximum bond strength is achieved with substrate coverage between 80-100% with a recommended coat weight minimum of 2 dry grams per square foot.
4. Maximum adhesion will be obtained by spraying opposing mating surfaces with an adhesive pattern at 90° angles to each other. (Example: Face one substrate vertically while spraying. Face the other substrate horizontally.) Extra coverage is recommended at substrate edge.
5. Hold spray gun at 90° to substrate surface while spraying. Release trigger at end of each pass to optimize coverage.
6. Apply a minimum of 3.0 dry grams/sq. ft. For best results, apply two coats of adhesive to any porous surface; one base coat and a secondary top coat. This ensures adequate layup particularly on CARB 2 PARTICLEBOARD and other similar surfaces. Allow the second coat to completely dry before assembly. The adhesive should cover 80% of the surface of the substrate. The coated substrate surface should exhibit a uniform glossy sheen when the adhesive is completely dry. Dull areas indicate insufficient coverage. Adhesive should be re-applied to these areas.
7. Make sure to coat all exposed edges and corners with two coats of adhesives. Allow adhesive to dry completely before attempting assembly. (Dry time may vary due to humidity and temperature variations.) Test for dryness using back of hand only - surface should be tacky, but adhesive should not transfer to the skin.
8. Position substrates carefully and apply pressure. Work from the center of the substrate, out to prevent bubbles and wrinkles. Apply adequate pressure (40 Pli) using a nip roller. Proper use of a 3" J-roller will also provide proper pressure.
9. The bonded assembly is immediately able to be trimmed or routed. Full bond strength is achieved after 24-48 hours depending on temperature and humidity.

CANISTER SET UP AND PRECAUTIONS:

Attach and securely tighten a hose, in your length of choice to the matching fitting provided on the gun. Attach the other end of the hose to the matching fitting on the canister. Check the fittings again for tightness. Slowly open the valve on the top of the canister and check for leaks. Half way is recommended at first. When hose is connected, keep canister valve open and hose pressurized at all times. Do not disconnect the hose until ready connect to new canister. Release pressure in hose before disconnecting from canister. For optimum performance, store at 70o F (21o C) during use. Canister must be above 50o F (10o C). Do not use in applications with copper or aluminum components. This adhesive is not recommended for use with plasticized vinyl, flexible plastics, expanded/extruded polystyrene, polyethylene, or polypropylene. Use only in well ventilated areas. Do not use near ignition sources.

Modify existing fluid line fitting to attach to the back of Devilbiss or Binks Conventional spray gun. This fitting can be obtained by your spray equipment distribution. Attach atomizing air line with air regulator to your spray gun. Open fluid line at canister and adjust fluid and air pressure at gun to achieve spray fan patterns of 8 to 12 inches.

Typical atomization pressure of 50-65 psi.

Spray Equipment				
Binks				
Manual	Auto	Fluid Tip	Needle	Air Cap
95, 2100	21, 95	63ASS	663A, 563A	66SD-3
Devilbiss				
Manual	Auto	Fluid Tip & Needle		Air Cap
JGA-510, MBC-510	AGX	FX, FF		24, 797
CA Technologies				
Gun			Set Up	
Panther			1.5 x 2266-3T	
Tomcat			1.5 x 2266-3	

Handling and Application:

Attach and securely tighten a hose, in your length of choice to the matching fitting provided on the gun. Do not use in applications with copper or aluminum components. This adhesive is not recommended for use with plasticized vinyl, flexible plastics, expanded/extruded polystyrene, polyethylene, or polypropylene. Use only in well ventilated areas. Do not use near ignition sources.

Storage Conditions:

Store between 60° F and 90° F for best performance. Do not expose to direct sunlight. Diminished performance may occur below 60° F. If so, warm canister to room temperature. Remove directly from concrete floor in cold temps. Do not freeze.

Attention: Empty container remains hazardous until all vapors, which may explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists. Do not reuse empty container. Recycle, or dispose of, according to all federal, state, and local regulations.

Do not use on copper substrates. Do not apply using equipment that is made of or contains parts made of copper or aluminum.

Use in conjunction with: Adjustable Spray Gun (part no WUR-CANISTERGUN) w/ 6501 Tip and hose

Please refer to the Safety Data sheet for further information.

<u>Art. No</u>	
Natural/Clear	Red
0893100790088	0893100780088
0893100791088	0893100781088
0893100792088	0893100782088