

PRODUCT DATA SHEET

PRODUCT NAME:

PRO BOND CAL COMPLIANT AEROSOL ADHESIVE

PRODUCT NUMBER:

WUR-CAL CAN-AA

Typical Physical Properties:

Adhesive:	Flam/Flam (Propellant/Adhesive)
Pattern:	Web
Dry Time:	2 - 3 Minutes
Open Time:	30-45 Minutes
Flash Point:	N/A
Color:	Clear
VOC:	25% (EPA Method 24)
VOC:	0.32 g/L
Coverage Rate:	2.5-3.0 Dry Grams/Sq Ft Minimum
Clean Up:	WUR-SOLVENT or Cleaner
Shelf Life:	1 Year in Unopened Container
Flammability:	Highly Flammable

Qualifies for LEED®-NC & CI EQ Credit

4.4: laminating adhesives shall contain no added urea formaldehyde resins

3.2: Indoor Air Quality Management plan for the pre-occupancy phase

4.1: must be less than current VOC content limits of South Coast Air Quality Management District (SCAQMD) Rule 1168, and all sealants used as fillers must meet or exceed the requirements of the Bay Area Air Quality Management District Regulation 8, Rule 51

Properties:

- CAL (SCQAMD) Compliant
- OTC Compliant
- Excellent adhesion to a variety of substrates including, but not limited to laminates, particle board, plywood, hardwood, leather rubber and metal.
- High solids means extended mileage
- Soft spray allows for greater control of pattern and application rates
- Portable System

Application:

1. Prepare the surface to be bonded. Ensure both faces are clean and free of dust, dirt and grease. If necessary, wipe clean with cleaner.
2. Hold spray gun at a constant distance of between 6-10 inches (150-250mm) 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 2.5-3.0 dry grams per square foot.
4. Maximum adhesion will be obtained by spraying opposing mating faces 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 edges.
5. Hold spray gun at 90° angle to substrate surface while spraying. Release trigger at end of each pass to optimize coverage.
6. Apply a minimum of 2.5-3.0 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 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.

Handling and Application:

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 flammable 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.

Please refer to the Safety Data sheet for further information.