

PRODUCT DATA SHEET

PRODUCT NAME:

PRO BOND LOW VOC CONTACT ADHESIVE

PRODUCT NUMBER:

WUR-LOWVOC

WUR-LOWVOC-R

Typical Physical Properties:

Viscosity:	140 cps
Dry Time:	4 – 6 Minutes
Solids:	36% +/- 1%
Open Time:	60 minutes
Color:	Natural / Red
Solvents:	Organic solvents
Flash Point:	-20°F
VOC:	239 g/l (EPA Method 24)
Coverage:	275 sq ft/gallon
Coverage Rate:	3.0 dry grams/sq ft minimum
Flammability:	Highly Flammable
Packaging:	PAIS, DRUMS
Clean Up:	WUR-SOLVENT

Qualifies for LEED®-NC & CI EQ Credit

4.4: laminating adhesives shall contain no urea formaldehyde resins

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

Properties:

- OTC Compliant
- High solids means extended mileage
- Excellent Heat resistance and bond strength

Application:

1. Agitate adhesive before use.
2. Substrates should be clean and free of moisture, dirt, oil, and other contaminants.
3. For best results, adhesive and substrates should be allowed to acclimate temperature (approximately 60°F or above) before application of adhesive.
4. 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.
5. Make sure to coat all exposed edges and corners with two coats of adhesives. When bonding porous substrates, it is advisable to apply two coats of adhesive. The first coat will act as a sealer and prevent excessive absorption of the adhesive into the substrate. After the first coat has dried, apply a second coat. Allow the second coat to completely dry before assembly.
6. Allowing contact adhesive to dry completely before assembly is essential to obtaining a secure, permanent bond. To check for adhesive dryness, press a piece of Kraft paper onto the adhesive surface. If there is transfer of adhesive to the paper, more time is required to let the adhesive dry. If there is no transfer, substrates are ready for bonding.
7. If areas exist with excessive adhesive deposition, twist the (gloved) fingers while pressing them onto the adhesive layer. This will break any film that has formed as the adhesive dries from the top surface down. If a skin has been formed, allow more time for evaporation to ensure complete removal of solvent before bonding.
8. Dry times can be improved through the use of air movement, drying ovens, lamps, etc.
9. Substrates may be indexed together and bonded once the adhesive is dry. Bonds must be made within the open time of the adhesive. (open times may vary by adhesive – see specification on page 1).
10. Uniform pressure on the bonded laminates is necessary to create strong, lasting bonds. 40 pounds per linear inch is recommended to insure complete fusion between the two layers of adhesive to be bonded. A pinch roller is ideal for applying uniform pressure. When used properly, a J-roller can also provide adequate pressure for bonding
11. All contact adhesive bonds are immediately able to be routed, trimmed, cut, filed, and machined.

Suggested Equipment:

Product Specifications				
Typical Fluid Pressure		Atomization Pressure		Spray Pattern
10-20 psi		30-50 psi		Web
Spray Equipment				
Binks				
<i>Manual</i>	<i>Auto</i>	<i>Fluid Tip</i>	<i>Needle</i>	<i>Air Cap</i>
95, 2100	21, 95	63ASS	663A, 563A	66SD-3
Devilbiss				
<i>Manual</i>	<i>Auto</i>	<i>Fluid Tip & Needle</i>		<i>Air Cap</i>
JGA-510, MBC-510	AGX	FX, FF		24, 797
CA Technologies				
<i>Gun</i>			<i>Set Up</i>	
Panther			1.5 x 2266-3T	
Tomcat			1.5 x 2266-3	

Application Precautions:

Do not use on polystyrene foams or plasticized vinyls

Do not mix with other adhesives. Thinning the adhesive is not recommended.

Storage Conditions:

Rotate stock, use oldest first.

Keep covered to prevent solvent loss and contamination.

Do not freeze. Store product between 60 – 80°F.

Do not store in direct sunlight.

Please Refer To The Safety Data Sheet For Further Information.

Art. No

Natural/Clear

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0893100818088

Red

0893100819088

0893100820088