PRODUCT DATA SHEET

PRODUCT NAME:

PRO BOND HIGH SOLIDS CONTACT ADHESIVE

PRODUCT NUMBER:

WUR-HIGHSOLIDS

WUR-HIGHSOLIDS-R

Typical Physical Properties:

Viscosity:	250 cps
Dry Time:	3 – 5 Minutes
Solids:	24% +/- 1%
Open Time:	30 minutes
Color:	Tan
Solvents:	Aromatic/ketone blend
VOC:	549 g/l (EPA Method 24)
Coverage Rate:	2.0-2.5 dry grams/sq ft
Coverage:	185 bonded sq. ft./gal
Shelf Life:	1 yr. in unopened container
Flammability:	Highly Flammable
Packaging:	PAILS, DRUMS
Clean Up:	WUR-SOLVENT

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

Properties:

- Excellent adhesion to a variety of substrates including, but not limited to laminates, particle board, plywood, hardwood, leather, rubber and metal
- Excellent room temperature contactability
- Postformable in manual and heated spray systems
- Excellent green strength and high heat resistance
- Excellent sprayability (hot or cold spraying)

Application:

1. Agitate adhesive before use.
2. Substrates should be clean and free of moisture, dirt, oil and other contaminates.
3. For best results, adhesive and substrates should be allowed to acclimate to room temperature (approximately 60oF or above) before adhesive application.
4. The adhesive should be applied at approximately 2.0-2.5 grams/square foot. The adhesive should cover 80% of the substrate surface. The substrate surface should exhibit a uniform glossy sheen when the adhesive is completely dry. Dull areas indicate insufficient coverage. Adhesive should be reapplied to these areas.
5. 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 adhesive into the substrate. After the first coat has dried, apply a second coat. Allow the second adhesive coating to dry completely before assembly.
6. Allowing the contact adhesive to dry completely before assembly is essential to obtaining a secure, permanent bond. To check for adhesive dryness, press the back of your fingers onto the adhesive surface. If adhesive transfers to fingers, additional dry time is necessary. If there is no adhesive transfer, the substrates are ready for bonding.
7. If areas exist with excessive adhesive deposition, twist the fingers while pressing them onto the adhesive layer. This will break any skin that may have formed as the adhesive dries from the top surface down. If a skin has formed, allow additional dry time to ensure complete evaporation of the 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 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 ensure complete fusion between the two layers of adhesive. A pinch roller is the ideal method for applying uniform pressure. When used properly, a J-roller can also provide sufficient pressure for bonding.
11. All contact adhesive bonds are immediately able to be routed, trimmed, cut, filed and machined.

Suggested Equipment:

2017-08

Product Specifications		
Typical Fluid Pressure	Atomization Pressure	Spray Pattern
10-20 psi	30-50 psi	Pebble

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	

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	Red
0893100813088	0893100815088
0893100814088	0893100816088