

#40 CONTACT ADHESIVE SPECIFICATIONS

Z115

DESCRIPTION:

A high performance solvent-free water-borne neoprene contact adhesive recommended for installation of Solid Cork Flooring. Zandur #40 is designed for versatility with excellent tack, high heat resistance and excellent bond strength. Can be brushed, rolled or sprayed. The adhesive is to be applied on both the substrate and back of tile and permitted to dry prior to installing the tile.

BENEFITS:

- Solvent-free with no VOC content.
- Excellent "solvent like" contact bonds_
- Excellent bond adhesion to a variety of substrates including plywood and concrete.

SPECIFICATIONS:

- Solids Content: 55.0% +/- 2.0%
- Viscosity: 2000 cps +/- 200 cps
- Weight/Gal: 9.1 lbs. +/- 0.1 lbs.
- Coverage/Gal: 757 ft² @ 3.0 dry grams; 379 ft² completed bond
- Open Time: 2 hours
- Shelf Life: 6 months
- Color: Natural or Green
- Packaging: Pails
- VHAP: 0.00 lbs./lb. of solids
- VOC: 0.00 lbs./gal (0 grams/L) <water and exempt solvents

HANDLING & STORAGE:

- Do Not use copper and its alloys to transfer or contain any contact adhesive.
- Do Not exceed the recommended "open time."
- For optimum performance, store containers at 65°F (18°C) or above.
- Avoid storage of product in direct sunlight.
- Consult the Material Safety Data Sheet prior to use.
- Product is not freeze/thaw stable. Protect from freezing. Do not use after being frozen.

INSTALLATION:

1. Obtain and follow current Zandur Sub-Floor Preparation and Product Installation guide prior to use.
2. Substrates to be bonded should be clean and free from moisture, dirt, oil and other contaminants.



3. #40 can be brushed, rolled and sprayed. If brushing and rolling, apply 100% coverage (3.0 dry grams/sq. ft. or higher). If spraying, coating weight of 2.5 — 3.5 dry grams should be applied. The atomization pressure at the gun should be 5 — 20 psi and the fluid pressure should be 10 to 15 psi.
4. When applying contact adhesives to porous materials such as plywood and edges, it may be advisable to apply two coats depending porosity. Apply the first coat and allow to dry. This will act as a sealer. When dry apply the second coat and allow to dry properly before bonding. This helps to insure that the adhesive does not soak-in below board fiber and that you have the proper amount on the surface to achieve a strong, permanent bond.
5. Allow the adhesive to dry properly before bonding. Water-borne contact adhesives will change color when dry. To check for dryness, use the back of your fingers and press into the adhesive and lift up. Any adhesive transfer or legginess indicates that the adhesive requires more time to dry. If the adhesive feels tacky, but there is no transfer or legginess, the adhesive is ready for bonding. If there are heavy areas of adhesive present, press the back of your fingers in the adhesive and twist. If a skin has formed, this will tear it open and allow you to notice that the adhesive requires more dry time. **DO NOT** use the palm of your hand to check for dryness. Dry time can vary depending on temperature, humidity and coating weight. Drying time can be reduced using air movement, drying ovens, etc.
6. Position the pieces carefully, since a strong bond is made instantly upon contact.
7. Use a rubber mallet to set tile, hand roll seams and roll entire floor with a 100lb 3-piece roller.
8. The floor may be put into use immediately upon completion of installation, however no use of liquid cleaners or water shall occur for 48 hours.

RECOMMENDED EQUIPMENT FOR SPRAY APPLICATION

Automatic

Manual

	Binks	DeVilbiss	Binks	DeVilbiss
Spray gun	Mach 1A	AGXV-541	Mach 1	JGHV-531
Fluid tip	94	FF	94	FF
Fluid needle	47-478	FF	54-3941	FF
Air cap	94P	46	94P	33, 46