



## The Adhesive Advantage

Contact spray adhesives are an easier, faster, and cleaner way to get the job done. Although slightly more expensive than brushable-grade contact cement, spray cans offer advantages that make them worth the cost. Spraying means easier, faster application, quicker drying times, and less fumes.



Many advantages include portability, ease of application, and the ability to reposition. Add to this the controlled spray pattern that minimizes overspray and helps clean-up, plus their cost effectiveness, and it's easy to see the advantages over other adhesive systems.

As one countertop production worker stated, "You'll never regret the switch. 200% easier than using a roller. You'll be kicking yourself for not having switched sooner."

Westech spray cylinder systems are developed specifically for professional use in the furniture trade and related professions. With our self-contained cylinders, spray guns, and hoses you get all the freedom of an aerosol with the productivity of bulk adhesives. There is no expensive capital equipment outlay or the maintenance of compressors or presses.

Our products are based on SBR rubbers blended with a variety of solvents, resins, and gases to create a full line of products with properties ranging from high strength, fast green tack, and long open times to non-flammability.

Recommend set-up of Westech cylinder systems involves attaching the proper spray tip to the gun, connecting the gun and hose to the cylinder, and opening the valve. Adjust the gun until the desired spray pattern and width is achieved.

The adhesive should be applied at a coating weight of 1.8 to 2.0 dry grams per square foot, or 80% coverage by hand spray application, with near 100% coverage around the edges. The substrates to be bonded should be clean and free from moisture, dirt, oil and other contaminants. When applying contact adhesives to porous materials, such as plywood and edges, it is advisable to apply two coats.

Apply the first coat and allow to dry (solvent to flash off). When dry, apply the second coat and allow to dry properly before bonding. This helps insure that the



adhesive does not soak in below the board fibers and that you have the proper amount on the surface in order to achieve a strong, permanent bond.

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 into the adhesive and twist. If a skin has formed, this will tear it open and allow you to notice that the adhesive requires more time to dry. DO NOT use the palm of your hand to check for dryness. Dry time can vary depending on the product used, temperature, humidity, and coating weight.

Bonds can be made as soon as the adhesive is dry. However, bonds made anytime *during* the open time will be as strong as those made immediately after dry time. Open time varies with the product type and application conditions, but often averages 2-4 hours.

Position the piece carefully, since a strong bond is made instantly upon contact. Use firm uniform pressure to insure good film fusion. A pinch roller is the optimum method for applying pressure. Use the maximum pressure possible without damaging the substrates.

A completed panel can be routed or trimmed, cut, filed, and machined immediately upon assembly.

The adhesive will be stronger over time as the cure develops. Finished units should not be exposed to sunlight or large changes in temperature and humidity until fully cured.

Use our adhesive remover to clean up any overspray. It is also recommended that you spray the tip of the gun and wipe clean with a cloth. NOTE: DO NOT turn off the valve or disconnect the hose if the cylinder still contains glue. For best results, leave the cylinder system set up in ready-to-spray position for your next application.

Once the cylinder of adhesive is empty and the new cylinder is on-site, clean the hose and gun with a small cylinder of adhesive remover. To do this, turn off the valve on the adhesive cylinder. Bleed the hose (pull the trigger on the gun until all excess adhesive is drained). Disconnect the hose from the adhesive cylinder and connect to the cylinder of remover. Turn on the remover's valve. Spray the remover through the hose and gun until no adhesive is left. Then turn the valve off on the remover cylinder, bleed the hose, and disconnect the gun and hose from the



cylinder. Attach the gun and hose to a new adhesive cylinder, open the valve, and you are ready for operations!

Our construction adhesives are formulated to join wood, plastic, concrete, masonry, metal, insulation and many other materials used in building applications. The use of adhesives provides a uniform distribution of stresses over the bonded area and produces stiffer structures with a continuous bonded joint. Without mechanical fasteners, structures built using adhesives are lighter in weight and smoother in appearance. A continuous joint means there is less exposure and reduced corrosion over time.

Westech spray adhesives are clearly the premier adhesive for furniture applications; providing a strong and consistent bond, superior efficiency and labor savings, and easy portability. Realize your adhesive advantage and contact Westech today!

