

# PRODUCT INFORMATION

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## Elasta-Shield™

Demand Products' Elasta-Shield™ provides a flexible adhesive bond between many scenic materials, such as fabrics, plastics, foams and wood. It dries to a clear, hard, yet pliable coating that does not suffer from the “tackiness” common in many other flexible glues even after those glues have had days to dry. And unlike ordinary “white” glues which can crack and break when flexed, the adhesive bond of Elasta-Shield™ remains extremely pliable and strong even as the materials bend and deform. Demand Products' Elasta-Shield™ is water based, and very safe to use, with little fume and low toxicity.

**SUGGESTED USE:** Use Elasta-Shield™ to adhere fabrics to fabrics, fabrics to wood, foam to wood or fabric and many other combinations of materials common in scene shops. Elasta-Shield™ provides an excellent coating over Ethafoam® that allows this notoriously difficult foam to be painted with ease. With its super adhesion, Elasta-Shield™ can be used to laminate blocks of foam together. It can be thinned with water, tinted with universal tints or used as an additive to give other coatings like plaster or clay added flexibility.

**APPLICATION:** Apply by brush, roller, or spray gun.

**SURFACE PREPARATION:** Surfaces should be clean, dry and free of dirt and dust. When applying Elasta-Shield™ to vinyls or plastics, clean your surface with denatured alcohol to remove any excess plasticiser that might interfere with proper bonding.

**COMPATIBILITY:** Elasta-Shield™ is compatible with all water based coatings and is easily painted or tinted. Tint Elasta-Shield™ using paint, Universal Tints, or simple latex paint. Add Elasta-Shield™ to other water based coatings as an additive to increase flexibility and adhesion.

**MIXING:** Stir before using. Do not shake as bubbles may develop.

**DILUTION:** Use Elasta-Shield™ undiluted on most non-porous and porous surfaces. Elasta-Shield™ may be diluted with water if desired. Thinner mixtures will flow and level more than an undiluted application and will dry to a thinner coating.

**COLOR:** Clear, matte finish.

**COVERAGE:** Approximately 250 sq. ft. per gallon

**FILM THICKNESS:** Undiluted 1 mil dry film.

**DRY TIME:** Varies with application. Sets in 30-45 minutes. Hard in 1-2 hours. Full cure within 7 days.

**CLEAN-UP:** Soap and water.

**SHELF LIFE:** Minimum 24 months.

**PACKAGING:** 1 Gallon Jugs

**CAUTIONS:** Do not apply when surface or air temperature is below 50°F (10°C). Protect against freezing. Avoid prolonged contact with skin or breathing of spray. Do not take internally. Use with adequate ventilation. **KEEP OUT OF REACH OF CHILDREN.**

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