



DiamondKote

DKW-3005E

DESCRIPTION:

DiamondKote DKW-3005E is a dilutable, waterbased sacrificial release agent designed to be used in a variety of applications needing high slip characteristics and excellent release ease. It is particularly effective for the release of EVA footwear, medium and high density elastomeric polyurethanes, and as a release for various thermoplastic materials.

PACKAGING, HANDLING, AND STORAGE CONDITIONS:

Available in 5 Gal pails, 55 Gal drums and 330 Gal totes.

Containers should be kept closed prior to and during use to avoid external contamination. Store below 100°F and above 32 °F. Keep product from freezing.

Storage in steel, galvanized steel or black iron will degrade the active ingredients of this product. For safety precautions consult MSDS.

Shoe Molding

PHYSICAL PROPERTIES:

Appearance	Milky White
pH	9.5
Viscosity	Water Thin
Odor	No odor
Specific Gravity	1.00 g/CM ³
Water Solubility:	Fully Miscible
Shelf Life	24 months

APPLICATION INSTRUCTIONS:

For best results the surface of the mold must be cleaned prior to application of **DiamondKote DKW-3005E**. Typical cleaning methods would be media/dry ice blasting or treatment with alkaline detergent followed by neutralization and rinsing with water.

EVA Footwear

Normal dilution is about 50:1. Material is applied to the hot mold by an air atomizing spray gun and any residual moisture allowed to dry before molding.

Elastomeric Polyurethanes

Normal dilution can range from 5:1 to 30:1 and depends on complexity of the part. Parts with significant undercuts and deep draw areas may require higher slip and lower dilution rate. Application is made with an air atomizing spray gun.