



DiamondKote

DKW-4163X

DESCRIPTION:

DiamondKote DKW-4163X is a water-based, silicone free release agent used in the production of elastomeric belting.

DiamondKote DKW-4163X is effective on a variety of elastomers and allows for easy stripping of the molded slab after cooling. The release can be applied at elevated or ambient temperatures followed by curing at 150C prior to molding.

DiamondKote DKW-4163X has the advantage of being able to provide multiple releases per application (this is dependent on the manufacturing technique) and can be applied to the mold as well as elastomeric curing bags / jackets.

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.

PHYSICAL PROPERTIES

Appearance	Blueish, Clear Liquid
pH	9.5
Viscosity	Water Thin
Odor	No odor
Specific Gravity	1.00 g/CM ³
Water Solubility:	Fully Miscible
Shelf Life	12 months

APPLICATION INSTRUCTIONS:

For best results, the mold should be clean and free of any previous release residue prior to application of **DiamondKote DKW-4163X**.

Base Coat:

For best results, the tool should be above 130°F when applying **DiamondKote** mold release agents. For spray application, utilize an air atomizing spray gun or an airless spray gun which produces a finely atomized spray particle. Apply 3 or 4 light coats, varying the direction of each to ensure total tool coverage and sealing. Allow each pass to dry completely prior to application of the next coat.

Touch-up:

DiamondKote DKW-4163X should be re-applied prior to failure of the basecoat and before any difficulty is noted in the release. This will allow the integrity of the basecoat to remain. The touch up coat should be cured at 150C or above.