Ceramic Mid-Coat
Product Data

PRODUCT DESCRIPTION
The **MID-COAT** is a coating loaded with ceramics. It contains ceramic spheres, platelets and fillers. It is a vehicle to apply ceramic solids to wall surfaces. The Rhino Shield **CERAMIC MID-COAT** is designed to be used over the Rhino Shield **ADHESIVE PRIMER**, and under the Rhino Shield **CERAMIC TOP-COAT**. The **MID-COAT** is used when the goal is to build mil thickness and add insulation. Use as part of the Rhino Shield coating system for added insulation and sound proofing. The high ceramic content provides a great solid volume to weight ratio. The **MID-COAT** is water based. It has outstanding tensile strength and tear resistance.

PRODUCT USES
The **MID-COAT** is not designed as a finish coat. It adds performance to the Rhino Shield coating system by building mil thickness and enhancing the insulation and sound reduction benefits.

SURFACE PREPARATION
The **MID-COAT** is to be applied over the Rhino Shield adhesive primer. Before the primer is applied, proper surface preparation procedures must be followed. For information concerning surface preparation, please consult the Adhesive-Primer data sheet and the Rhino Shield application manual dated January 2002.

APPLICATION PROCEDURE
Please shake or whip before applying. May be applied with sprayer, brush or roller. Spraying with an airless sprayer is ideal. Spraying and back-rolling is recommended for stucco and other porous surfaces. Use a 50% overlapping pattern when spraying. Only apply over the Adhesive Primer once the primer has dried to a translucent state. The **MID-COAT** must dry for a minimum of 12 hours before applying Rhino Shield **CERAMIC TOP-COAT**. Twenty-four hours is recommended in humid conditions. Never apply top-coat the same day as mid-coat.

TECHNICAL DATA

FINISH	Flat
COLOR	White
VEHICLE TYPE	Copolymer Emulsion
SOLID BY WEIGHT	57 % +/- 2%
V.O.C.'S (averages)	43 grams/Liter
SPREAD RATE	100 to 150 sq ft/Gal
RECOAT	12 hours minimum
VISCOSITY ASTM D 562	113 (KU)
TENSILE STRENGTH ASTM D 2370	350 lbs/sq inch
THERMAL EMISSIVITY ASTM E 903	.87
TEAR RESISTANCE ASTM D 624	159 lbs/sq inch
PERMEANCE-INVERTED ASTM D 1653 A	26.5 @ two mils

**All data times are bases on ambient temperatures of 77 degrees Farenheit and relative humidity of 50%*