



PRODUCT DATA

URETHABOND 3050

Coatings For Industry, Inc. • 319 Township Line Road, Souderton, PA 18964 / 215-723-0919

DESCRIPTION

A single component water based aliphatic urethane coating for interior or exterior use. It may be used in areas where high humidity and moisture are encountered. This coating system has good abrasion resistance, hardness excellent resistance

to ultraviolet attack. URETHABOND 3050 has many of the properties associated with two component solvent urethanes, but has slightly reduced chemical resistance. It does, however, possess quick-dry properties and very low odor.

TECHNICAL DATA

Number of Coats:	Dependent upon application
Minimum Dry Film	
Thickness per Coat:	1.5 mil
Weight Solids:	Pigmented--41%--Clear 28%
Volume Solids:	Pigmented--31%--Clear 25.5%
Theoretical Coverage	
at 1 mil DFT:	Pigmented--496 sq.ft./gallon Clear--408 sq.ft./gallon
Dry time @ 70°F. , 50% R.H:	
Set to Touch:	20 minutes
Dry to Touch:	50 minutes
Dry through:	80 minutes
Minimum Application Temperature:	55°F.
Primer:	Self Priming or use with other CFI primers in certain maintenance applications
Method of Application:	Brush, roll, spray
Thinner:	Thinning not recommended
Clean Up:	Water
Shelf Life:	One year

SURFACE PREPARATION

Steel surfaces should be degreased and cleaned of all contamination, if possible a zinc or iron phosphate pretreatment should be used. Where there is existing paint, the loose and flaking paint should be removed and all dust, grease and other contamination removed from the surface. Lightly sanding painted surface to remove gloss and residual contamination is recommended.

APPLICATION

URETHABOND 3050 may be applied by brush, roller or spray. Standard paint spray equipment should be used. Thinning is usually not required or recommended. The air atomizing pressure should be approximately 40 PSI and fluid pressure approximately 15 PSI and the fluid pressure approximately 15 PSI. A uniform wet coat should be applied to obtain the recommended dry film thickness. A mist or tack coat applied first, sometimes helps obtain desired results.

After coating has dried for a minimum of 1.5 hours, a second coat may be

applied. It is possible to apply the topcoat as a texture coat through adjustment of spray gun pressures/techniques.

CLEAN UP

As soon as possible after spraying and before coating has dried on equipment, clean up with warm water. If coating has been allowed to dry, it may be necessary to clean with a solvent such as lacquer thinner.

PRECAUTIONS

Although water base material, spray droplets should not be inhaled. Use adequate ventilation. In confined areas, use adequate forced ventilation during application and drying. When spraying, a suitable protective vapor/particulate respirator should be worn. In areas of minimum air movement, a fresh air mask should be used. Also refer to the URETHABOND 3050 Material Safety Data Sheet.

LIMITED WARRANTY : All statements, technical information and recommendations contained herein are based on tests the manufacturer believes to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective at the time the sealed container is first opened, and in no event beyond the shelf date printed on the label. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.

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