



Master Polyurethane Top Coat
Material Safety Data Sheet

Product Description

A two component Acrylic Polyurethane giving a high-performance finish.

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PRODUCT INFORMATION

Description:

Product Description

A two component Acrylic Polyurethane giving a high-performance finish in new construction and maintenance industries.

Features

- Excellent gloss and color retention on exterior & interior exposures
- Outstanding mar resistance-recommended as scratch resistant finish
- Long term recoat able properties.
- Resistant to large number of chemicals and water.
- Can be applied to a wide range of substrates.

Designed Use:

- As a finishing coat for structural steel in aggressive corrosive environments.
- As a topcoat for the exterior of chemical storage tanks, pipelines.
- As a durable topcoat for topsides modules in the offshore industry.

Technical Information

Color	As Per Shade Card
Finish	Gloss
Generic Type	Polyurethane Coating
Vol Solid	45%
Mixing Ratio	4: 2
Spreading Rate	A spreading rate of 10-14 m ² /liter @ (30-40) Microns DFT
Drying Time	2 -4 hrs. at 30 °C.
Recoating Time	8 – 12 hrs.
Pot Life	6 hrs.
Curing Time	Attains maximum hardness and chemical resistance 4 - 7 days.
Thinner / cleaner	PU or Acrylic Thinner
Flash Point	23 °C, 73 °F

Further coat	2-3 Coats
Packing size	6 liters kit.(4+2)
Components	02
Recommended Primer	Epoxy Zinc Phosphate Primer /Epoxy Zinc Rich Primer or Master 2K Primer

Surface Preparation

Application

Polyurethane Finish is a specialized chemical resistant finish and requires sound preparation and a suitable Priming system to perform to its optimum. It is recommended that potential specifies follow guidelines for preparation from the Data Sheet for the primer system selected.

This is the recommended method of application:

By Brush Roller Or Airless Spray

Stir each component thoroughly before mixing.

Add Comp. B to Comp. A in the ratio supplied and mix until uniform in color and consistency. Allow to absorb for 20 minutes before application.

As this material tends to set up quickly, application should be made with minimum of crossing or lying off.

Thin up to 10-20% per liter with Thinner for PU mixing thoroughly before application.

Storage

The product should be kept in well-ventilated place, protected from heat and direct sunlight. Shelf life of product is 18 months.

===== OTHER INFORMATION =====

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE. IT IS TRUE & ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT IS NOT INTENDED TO BE ALL INCLUSIVE. USERS SHOULD CONSIDER THIS INFORMATION AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM & MUST MAKE THEIR OWN DETERMINATION OF SUITABILITY & COMPLETENESS TO ASSURE PROPER USE & DISPOSAL.

===== END OF THE REPORT =====

