



Simco
We've Got You Covered

*211 Gunther Ln.
Belle Chasse, LA 70037
Tel: 504.393.9455*

SIMTHANE-902 HIGH PERFORMANCE POLYURETHANE FINISH

Description: A two part high solids Acrylic / Aliphatic polyurethane finish which cures to a very hard, high gloss, flexible coating with outstanding color retention. This coating has exceptional resistance to weathering and severe environment. Use for exterior or interior applications wherever a superior gloss and color retention finish is desired, such as storage tanks, structural steel, pipelines, production equipment and offshore platforms etc.

Recommended Uses: Permanent finish coat for most severe marine or industrial exposure.

Technical Data

Color and Finish:	Various; high gloss
Mixing ratio:	4:1 by volume
Solid by Volume:	40-42% depending on the color
Solid by Weight:	53-54% depending on the color
Volatile Organic Compound (VOC):	4.0 lbs. / gal.
Flash Point:	70° F
Weight per Gallon:	9.5 lbs
Recommended Dry Film Thickness:	1.0 - 1.5 mils
Theoretical Spreading Rate:	400 sq. ft. /gal @ 1.0 mil DFT
Drying Time @ 75° F:	
To touch:	30 minutes
To handle:	1 hour
To topcoat:	6 hours
To full cure:	24 hours
Abrasion Resistance:	Excellent
Temperature Resistance:	300°F dry heat
Potlife @ 25°C / 77°F::	3 hours
Cleaning Thinner:	Simco Universal Thinner

Surface Preparation:

Prior to the application of this product ensure that the painted substrate is intact and free from contaminants. All damaged areas of primer and mid coats should be rectified to ensure uniformity of the system. The substrate should then be thoroughly degreased in accordance with SSPC-SPI. All dust should be removed from the substrate by using clean brushes and /or dry compressed airline. Ensure that the substrate is completely dry prior to the application of this product. For added protection and embellishment additional coats may be applied.

Application Data:

Apply by conventional or airless spray, brush, roller.
DeVilbiss MBC-510 gun with E:E tip and needle and 765 air cap.

Details for Airless Spray:

Output fluid pressure: 120 bar (atm) 1740 PSI; Min. nozzle orifice: 0.013"

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information of this product, no warranty expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.

Copyright © 2001-2004 Simco Coatings Inc. All rights reserved.