



Zinc Rich Primer

Product Description

Zinc filled primer based on a high molecular weight thermoplastic resin.

Recommended Uses

A one component primer for steel in areas of semi-severe chemical and marine exposures. Provides excellent rust inhibition because of high metallic zinc content. Use as a two coat neat system with no top-coat or as a primer with recommended top-coats. Fast drying, rapid handling and quick recoat time provide full protection to steel under conditions of erection and service.

Color/Gloss	Color Sheen	Gray Flat
Physicals	Volume Solids	40.5%
	Weight/gal.	15 lbs.
	Temp. Res.	250°F

Application

Recommended Thickness	2.5 mils dry, 7 mils wet
Theoretical Coverage	2.5 mils DFT 260sq. ft./gal.
Method	spray, brush, roller
Induction Time	none
Thinner	ZR-Thinner

Drying Time (hrs)	50°F	75°F	90°F
• to touch	4	2	1
• to handle	8	4	2
• to recoat	24	8	6
• Pot Life	-	-	-

Unit Size 4 Gallon Unit

Shelf Life One year minimum from date of manufacture.

Consult Pilgrim representative for system best suited to environment.

PILGRIM PERMOCOAT

Main office and factory: 402 S. 22nd Street, Tampa, FL 33605 (813) 248-3328 FAX# (813) 248-1076
Distribution : USA, Canada, Caribbean

Limitations:

Apply in good weather when air and surface temperatures are above 40°F. For optimum application properties, bring material to 70-80°F temperature range prior to mixing and application.

Surface Preparation:

Paint only clean dry surfaces. Apply to sandblasted steel unless otherwise specified. Blasting shall be done with centrifugal wheel or compressed air blasting equipment, using proper abrasive to attain an average profile depth of 1.5 mils. Do not reuse sand or abrasive. Blow dust and grit from surface with clean, dry air. Coat prepared surface before rust or contamination occurs.

Immersion- Steel structures Painting Council No. 5, White Metal Blast Cleaning" (SSPC-SP-5).

Frequent Condensation, Splash and Spillage - Steel Structures Painting Council No. 10, " Near-White Blast Cleaning".

Non-Immersion - Steel Structures Painting Council No. 6, "Commercial Blast Cleaning".

Previously Painted Surfaces:

Remove all previously applied coatings, rust, rust scale, other corrosion products.

Mixing:

Material is supplied in 1 container as a unit. Always mix thoroughly with a power agitator. Re-mix Zinc Rich primer at 15 minute intervals.

Thinning:

If thinning is necessary; thin with Pilgrim ZR Thinner up to one quart/gallon.

Application:

Apply by brush, roller, or spray. Apply at 7 mils wet.

Equipment:

Brush: Good quality 4" wide brush with short hair bristle.

Roller: 1/8" mohair or foam roller.

Conventional Spray: DeVilbiss MBC-510 gun; E tip and 704 air cap; 1/2" ID material hose; double regulated pressure tank with oil and moisture separator. Airless Spray: Graco 30:1 ratio pump with large surge chamber; Reverse-A-Clean tip with .019" to .023" orifice.

Work Stoppages:

Do not allow material to remain in hoses. Release pressure from pressure tank and disconnect material hose. Thoroughly flush hose and spray gun with #5 Cleaner.

Cleanup:

Clean all equipment immediately after use with Pilgrim #5 Cleaner or ZR Thinner. Spray equipment requires flushing with either of these solvents. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency should depend upon amount sprayed, temperature, elapsed time including delay, etc.

Welding:

In the event welding or flame cutting is performed on metal coated with this product, do so in accordance with instructions in ANSI/ASC Z 49.1, "Safety in Welding and Cutting." All welded, burned, or otherwise damaged areas should be reprepared to base metal and recoated as specified.

Safety:

This product (and any recommended thinners) contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For safe usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this product. When using this product in a confined space or closed area, consult the current OSHA, or ANSI bulletins on safety requirements.

Important ! PILGRIM makes no warranty whether expressed or implied, including warranties of fitness for a particular purpose of these products. Under no circumstances shall PILGRIM be liable for incidental, consequential or other damages from alleged negligence, breach of warranty, strict liability or any other theory, arising out of the use or handling of these materials. The sole liability of PILGRIM for any claims arising out of the manufacture, use or sale of its products shall be for the buyers purchase price.

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