

POR 15 Metal Ready

Rust Remover - Preprimer.

Available in 250ml, 500ml, 1 Litre, 4 Litres.

This product provides the best adhesion on any surface creating an ideal anchor pattern for such coatings as POR 15 Rust Preventive Paint. After thoroughly degreasing your work piece apply environmentally safe Metal Ready to both neutralise and remove rust. Metal Ready also etches clean bare metal for adhesion of POR 15 Rust Preventive Paint. Metal Ready is not caustic, corrosive, toxic or flammable.

1l \$26

4l \$52

POR 15 Solvent

Available in 500ml, 1 Litre and 4 Litres

For easy clean up and thinning.

Use POR 15 Solvent when thinning or spraying, this is important as regular solvents can contain moisture, which will affect the performance of POR 15 products. POR 15 Solvent is of high purity and can also be used for thinning most 2 pack, lacquers and epoxy paints.

1l \$17

4l \$49

POR 15® Rust Preventive Paint

POR 15® Rust Preventive Paint stops rust and corrosion permanently. It is unlike any other paint coating you have used before. It's surface tolerant characteristics means it loves corroded and porous surfaces like rust, corroded aluminium, sandblasted surfaces, fibreglass and even concrete. It will seal them with a ceramic like, rock hard finish that won't crack, chip or peel.

POR 15® Rust Preventive Paint's secret lies in it's curing process, unlike ordinary paints POR 15® Rust Preventive Paint cures by drawing moisture from within the metal and the atmosphere. Paint on by hand, cures through the process of solvent evaporation through pores(that's why you can smell a paint job for weeks). Those same pores allow microscopic amounts of air and moisture to gradually reach the surface of the painted metal.

POR 15 is also available in these kits :

[Starter Kit](#)

[Super Starter Kit](#)

[Rust Hole Kit](#)

POR® 15 Rust Preventative Paint is easy to use, whether for small jobs or large, being single pack and self levelling (no brush marks), and of course it can be sprayed as well.

In fact use POR 15® on anything you want to protect permanently from rust, corrosion, stone chips or abrasion.

1l \$66

4l 198

POR 15 RUST PREVENTIVE PAINT

DIRECTIONS FOR USE

Please note: This product is unlike any other paint or coating you have used in the past. Please take time to carefully read the instructions from beginning to end before using POR 15. In addition, we have provided you with questions and answers and also tips and supplementary information. Please also read instructions on the label of the can. Reading this material will better acquaint you with POR 15 and enable you to achieve a superior result.

PRODUCT DESCRIPTION

POR 15 is a rust preventive paint designed for application directly on rusted or seasoned metal surfaces. It dries to a rock-hard, non-porous finish that won't chip, crack, or peel, and it prevents rust from re-occurring by protecting metal from further exposure to moisture. POR 15 is sensitive to UV light (sun) and must be topcoated for *prolonged* exposure to sunlight. Topcoating is not required for areas not exposed to sunlight.

SURFACE PREPARATION

Rusted surfaces are best; seasoned metal and sandblasted surfaces are also good.

TO COAT SMOOTH METAL SURFACES, ie new metal, or any aluminium / galvanising, Surface must be dry and free of grease, oil or other foreign substances which can be removed with our water based product Marine Clean, use of solvent based preps is not recommended. use POR 15 METAL READY to prepare surface before painting. Use of "rust converter" product is not recommended as they may affect bonding of POR 15 to metal. POR 15 likes to adhere to surfaces with a "tooth" rather than smooth, glossy surfaces.

SANDBLASTED SURFACES : Apply POR 15 Rust Preventive Paint directly to the sandblasted surface.

SEASONED OR RUSTED METAL:

First, wire brush loose rust and scale. Then remove any grease or oil with POR 15 Marine Clean and prep with POR 15 Metal Ready.
Do not use Solvent based cleaners.

APPLICATION PROCEDURE

STIR CONTENTS OF CAN THOROUGHLY before painting. Do not shake. Then dispense a quantity of POR 15 into a separate container and seal can immediately, ensuring the groove is free of paint, use gladwrap between the lid and the can. Refrigerate unused portion of POR 15 for longer shelf life.

NOTE: left over portions of POR 15 should not be put back into the can as this will shorten its shelf life.

Apply POR 15 in thin coats. Minimum of 2 coats for general use, and minimum of 3 coats for Marine or Industrial use. Topcoat when final coat is dry but with slight remaining finger-drag, usually 3-4 hours.

SPRAY APPLICATION: Use 250 Kpa (30-35 lbs) pressure for normal gloss. Reduce pressure for lower gloss 200 Kpa (20-25 lbs). Thin only with POR 15 Solvent, if necessary, no more than 10%.

Multiple Coat Application: Apply second coat when first coat is **tacky but almost dry**. If first coat is fully cured (more than 12 hours old), wet sand first coat with 600 grit sandpaper until gloss is dulled. Next, apply the second coat of POR 15. Use same procedure for subsequent coats.

TOP COAT APPLICATION OVER POR 15 PRIOR TO FINISH PAINT IF USING PRIMER:

The **Tie Coat Primer** provides an excellent sandable primer, that can be applied over POR 15 from touch dry to up to a year old with the only requirement that the surface be free of grease, oil & foreign substances. If using another primer then use the following method: after the last coat of POR 15 has been applied, wait approximately 45 minutes to 1 hour until the POR 15 coating is tacky; then apply a light dust coat of primer and let dry. Next, apply a full coat of primer and follow normal top coating procedures. If primer is lacquer based, apply dust coat only after POR 15 is dry to touch, OR To Topcoat a cured POR 15 SURFACE with a product other than Tie Coat, wet sand with 600 grit until gloss is dull, then paint.

CLEAN UP

Use POR 15 Solvent or lacquer thinner for cleanup, which must be done before POR 15 dries; once dry, POR 15 cannot be removed by solvent. Avoid skin contact. Remove from skin at once to avoid temporary staining. **USE OF GLOVES AND VENTILATING EQUIPMENT IS STRONGLY RECOMMENDED.** NOTE: Organic vapour particulate respirators, NIOSH/MSHA approved must be used when spraying POR 15. Moisture will shorten the life of unused POR 15. Seal can immediately after using.

SHELF LIFE: Unopened can 2 years or more. Opened can, properly used with decanting out of the can, resealing with gladwrap or similar up to 12 months.

MARINE TIPS:

- * Always apply a minimum of 3 coats of POR 15 (90-120u'm) followed with good quality topcoats (normally 2 coats). Topcoating is essential below the waterline - topcoat then apply antifoul.
- * In bilges areas always apply some extra coats, because these areas are always trouble spots.
- * The use of a heat gun to ensure that the metal is dry prior to painting is a good idea especially in permanently wet areas, like bilges.
- * In areas that have been extremely rusty, eg. many millimetres of metal has been corroded away, this can create a very porous surface, it is likely to soak up preparation products like Metal Ready, that then leach out later. The best method of dealing with this is to give it all a good chip - removing all loose rust, then a light clean with a dilute mix of Marine Clean, rinse, then use a heat gun to thoroughly dry out the metal - then paint with a minimum of 4 coats of POR 15.
- * Again in heavily rusted areas, apply a coat of Black, Clear or Grey first, not Silver. Silver can then be applied as a second or subsequent coat for its high fill characteristics.

Heat Paints

Black Velvet The only black paint that withstands temperatures of up to 650 C, (1200 F) and keeps it rich black colour. Non gloss finish. This coating meets or exceeds properties and requirements of MIL-C-13370.
Brush it on or thin to spray.

Brilliant Aluminium Capable of withstanding 760 C (1400 F). Brilliant Aluminium is also extremely weather, salt and moisture resistant. It helps prevent cracking, chipping and peeling. This is the most brilliant, uniform, heat resistant coating available.
Brush it on or thin to spray.

Factory Manifold Grey Looks like original factory cast iron with a flat, non gloss finish. This high temperature grey paint will withstand temperatures of up to 760 C (1400 F) and won't burn off. Brush it on or thin to spray.

Hot Gold Our new Hot Gold heat paint is the only high temperature heat paint available - and boy does it look good. Apply to engines, disk and drum brakes, callipers and of course headers and exhausts. It is rated to 400 C because some discolouration can occur above these temperatures.
Leaves no brush marks, or thin to spray

Tie Coat

Great adhesion to POR 15 without sanding.

Prime and paint right over cured POR 15 with our new Tie-Coat primer. After many requests from customers, we have developed this very special interlocking primer for painting over the top of POR 15 without any need to rough up or degloss the surface. Just ensure the surface is free of any grease, oil, or dust. Tie-Coat primer is a tough yet sandable single component polyurethane primer, with special adhesion characteristics that make it perfect for most painted surfaces... especially POR 15. Sands smoothly

POR Patch

POR Patch is a highly concentrated version of POR 15 Rust Preventive Paint, it comes in a tube, and has a consistency of toothpaste, making it an effective metal filler. A cured mass of POR Patch is virtually indestructable, yet it remains flexible and won't chip or crack. Once dry it is totally impervious to fuels and solvents. It will fill holes in steel, wood, plastic; it is waterproof and non-porous. As a moisture barrier, POR Patch is unsurpassed, and it's bonding characteristics to cured concrete far exceed those of cement and other patching compounds.

POR Patch is easier and less expensive to apply than epoxies because it doesn't require mixing. An application of POR Patch will not only cover up the rust and prevent it from spreading, but will strengthen the underlying metal and seals holes by forming it's own membrane.

POR 15 restoration products are designed to work as a complete system. When used together these products provide you with a coating that will not only stop rust and corrosion, but will prevent it from returning. The following products are available individually and many are available in efficient cost savings kits geared to your specific restoration needs. Here is how the system works:

*Note: The application of POR 15[®] Rust Preventive Paint and the use of the Preparation Products will also depend on the type of material and environment for which it will be used in.
Very often not all steps will be required for your application, see the [FAQ](#) page.*



Step 1

Clean the rust or corroded metal with Marine Clean, an environmentally safe cleaner. Marine Clean will remove dirt, grease, wax or other contaminants that could interfere with the restoration. Rinse off with water.

[AUSTRALIA - Marine Clean](#)
[NEW ZEALAND - Marine Clean](#)



Step 2

Prepare the rusty or corroded surface with Metal Ready. As a rust remover / preprimer; Metal Ready will neutralise rust, etch metal for better adhesion, and coat the metal with zinc phosphate to encourage deep chemical bonding of POR 15[®] Rust Preventive Paint to the base metal and rust. Leave for 10 minutes. Rinse well with water.

[AUSTRALIA - Metal Ready](#)
[NEW ZEALAND - Metal Ready](#)

Now seal that rusty or corroded metal with POR 15[®] Rust Preventive Paint. As the moisture resistant POR[®] 15 Rust Preventive Paint bonds to the rusty metal, it will form an unbelievably tough, almost ceramic like finish that won't crack, chip or peel. Two coats for most general applications.

[AUSTRALIA - POR 15[®] Rust Preventive Paint](#)
[NEW ZEALAND - POR 15[®] Rust Preventive Paint](#)



Step 4

Now you have the option of applying one of our topcoats, Chassiscoat, Blackcote, Whitecote, or any other topcoat system as POR 15[®] Rust Preventive Paint is compatible with all paint systems. Or apply Tie-Coat our sandable primer before topcoating.