

## SUPER STARTER KIT

(enough for approximately 1 sq metre)

Contains: 250mls Marine Clean; 250ml Metal Ready  
100mls POR-15 Rust Preventative Paints; 2 Paint  
Brushes; 1 pair Gloves

**Please Note: This product is unique. Take time to read  
the instructions. In addition, we have provided you  
with a FAQ's section  
and supplementary information sheet.**

### PRODUCT DESCRIPTION:

There are four stages to POR-15. Super Starter Kits are designed to assist you in the application of POR-15 Rust Preventative Paint. It dries to a rock-hard, non-porous finish that won't chip, crack or peel. It prevents rust from re-occurring by protecting the metal from further exposure to the elements. POR-15 is cured and strengthened by exposure to moisture and will dry faster in high humidity. **POR-15 is UV sensitive, so on areas exposed to direct sunlight a topcoat is recommended.**

### SURFACE TREATMENTS:

**SMOOTH METAL (new):** Use, Marine Clean, Metal Ready, and POR-15 Rust Preventative Paint.

**SANDBLASTED SURFACES:** Use POR-15 Rust Preventative Paint.

**GALVANISED & ALUMINIUM METAL SURFACES:**

Use Marine Clean, Metal Ready and POR-15 Rust Preventative Paint.

**SEASONED / RUSTY SURFACES:** Use Marine Clean, Metal Ready and POR-15 Rust Preventative Paint.

### APPLICATION PROCEDURES: (FOR THE BEST RESULTS USE THIS 4 STAGE PROCESS)

**1. Cleaning:** Rusted surfaces are best; although seasoned metal and sandblasted surfaces are good for POR-15. Remove loose rust and scale with a wire brush. **DO NOT USE SOLVENTBASED CLEANERS.** Rough up smooth surfaces with sandpaper.

Dilute *Marine Clean* up to a 50% solution with warm/hot water. Wash the area well with this solution to remove all greases, oils and waxes sea salts. After approximately 1/2 an hour rinse with water. Repeat it necessary.

**2. Etching:** (If the surface has been sandblasted this step is not necessary). Prepare the surface by applying *Metal Ready*, leave on for approximately 1/2 an hour, rinse with water. **DRY COMPLETELY** (Heat Gun).

**3. Painting:** Stir the contents of your POR-15 can thoroughly before painting— *do not shake, because it causes bubbles in the paint.*

Apply in *thin coats*. Apply a second coat after 3-5 hours when the first coat is tacky but almost dry. If the first coat is fully cured, wet sand the surface with 600 grit sandpaper until the gloss is dull and then re-apply. Minimum 2 coats.

For **Marine applications** a minimum of 3 coats, plus top-coats.

POR-15 paint starts to cure as soon as the can is open. re-seal the can applying a layer of Glad Wrap between the lid and can. Do not allow it to dry on your hands, or wear gloves.

**4. Top Coating:** Top coat when the last coat of POR-15 Rust Preventative paint has a slight finger drag, but is dry, approximately (3—5 hours). Product can be left to cure fully, then sanded with 600 grit wet & dry to remove the gloss (not an easy job and not recommended for large areas), to provide a key for the topcoat. Or use our product Acid 8 or *Tie-Coat*, apply this on a cured POR-15 surface, (without the need to sand). Let this coat dry fully 24hrs. Full priming and top coating can then be done at a later date.

NOTE: Never top coat a POR-15 surface that hasn't been cured, as this will ruin the coat already in place. "Tacky" is defined as dry to the touch, with a slight finger drag remaining.

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### SPRAY APPLICATION:

1. Preparation as per brushing.

2. Use 30-35 lbs pressure for normal gloss, reduce to 20-25 lbs for lower gloss. Thin only with POR-15 solvent. **The use of gloves and ventilating equipment and organic vapour particulate respirators, (NOISH.MSHA approved), must be used.**

### CLEAN-UP:

Use POR-15 Solvent or lacquer thinners for clean-up, which MUST be done before POR-15 dries

**Once dry, POR-15 cannot be removed by Solvent.**

Remove from skin at once to avoid temporary staining (4-5 days). Use of gloves is highly recommended.

### LOTS OF PRODUCTS CLAIM TO STOP RUST.

*Some are paints, some conversion products, some rust treatments. None of them really stop rust PERMANENTLY.*

**Why is POR-15 different and why should I believe it works?**

Rust is caused by moisture in coming in contact with metal, which causes the chemical action of oxidation. All paints provide a measure of protection for a while, but eventually they are softened and weakened by moisture and it is only a matter of time before moisture penetrates the surface and attacks the metal below.

All the so-called rust preventative paints on the market (**except POR-15**) are weakened by exposure to moisture. POR-15 is strengthened with exposure to moisture. The hardness of the POR-15 coating means it will not chip, crack or peel like ordinary paints and it will resist the wear and tear of every day life.

Rust conversion products claim to change the chemical nature of rust and convert it to a more stable element that won't rust again. History of failure of these products is well documented; they don't work after a few months and are subject to chipping and cracking.

**POR-15 WORKS BECAUSE IT CHEMICALLY BONDS TO RUSTED METAL AND FORMS A ROCK HARD SURFACE THAT WON'T CHIP, CRACK OR PEEL. IT IS STRENGTHENED BY CONTINUED EXPOSURE TO MOISTURE.**

*Brush or Spray Application?* POR-15 is self-levelling and can be brushed easily, to give an almost "sprayed on appearance". To spray, use the proper safety equipment and organised vapour particulate respirators for solvent.

*How do I thin POR-15 if I want to spray it?*

You should use POR-15 Solvent for thinning and thin it no more than 10%.

*Can I paint over POR-15 with other paints?*

**Yes,** POR-15 will accept all paints, including lacquer based, 2 pack paints.

Aerosols and latex paints can also be applied. Be sure to read the 'Product Information' sheets regarding top coating before using POR-15.

*Can I use Body Filler or Putty with POR-15.*

**Yes,** First paint both sides of the rusted area with POR-15 (two coats). Then use body filler or putty as soon as the POR-15 is dry to the touch. We also suggest putting another coat of POR-15 over the putty, to sandwich it in. Again apply when the putty is dry to the touch.

*How long does it take POR-15 to dry?*

That depends on the humidity in the surrounding area.

The more humid the area, the faster the drying time. This usually varies between 3 to 5 hours.

*Is it dangerous to get POR-15 on your skin?*

**No, But** if you do, remove it at once with solvent or lacquer thinners. If POR-15 dries on your skin, nothing will take it off. You will "wear" it for 3 to 5 days, until the natural oils and flaking skin remove it.

*Are the POR-15 vapours dangerous to my health?*

**Yes,** That is why you must always paint in a well ventilated area and keep your nose away from the paint container. POR-15 is not dangerous if you follow our simple directions.

*What is the best surface on which to paint POR-15?*

POR-15 likes *rusted surfaces* best. *Seasoned metal and sandblasted metal* are also good. POR-15 does not adhere well to smooth, shiny surfaces, but can be applied with proper preparation. It can also be applied to fibreglass and is very good on wooden surfaces.

*Can POR-15 be used on fibreglass surfaces?*

**Yes.** POR-15 is fully compatible with fibreglass and can be used to repair cracks in gel-coat. It will adhere better than polyester resin and has greater strength. It can be used with fibreglass cloth to make a super strong surface in rusted out areas. Just give it a light sand to provide a key. Generally POR-15 Clear is used here.

*What is the proper preparation?*

We have developed a product which we call 'Metal Ready'. It is a rust remover that leaves a zinc phosphate coating on base metal, the perfect pre-primer for POR-15.

NOTE: *New Steel* is coated with a protective oil. This finish must be removed before using POR-15 or Metal Ready. To remove the oil wash well with our product Marine Clean, then rinse dry with clean water and dry.

*Which POR-15 formula (BLACK, SILVER, GREY, CLEAR), should I use?*

**Silver** contains metal filler and should be used in *badly rusted and pitted areas*. It will fill in holes better than black or clear.

**Black** is generally used on frames, undersides or fenders etc., because that is the usual colour.

**Clear** renders the smoothest finish and is often used as a pre-primer on exterior surfaces, it is also best for fibreglass repairs.

**Grey** is an excellent choice for all general work, especially machinery.

*Must I paint over POR-15 to ensure its durability?*

**No.** But, POR-15 is sensitive to ultra-violet light. It must be top coated if continually exposed to sunlight. Once top-coated, POR-15 will remain effective for many years.

*Will I need to prime the POR-15 before I apply the top coat?*

Tie-Coat Primer is an excellent sandable primer, that can be applied over POR-15 from touch dry to up to a year, with the only requirement being that the surface is free from grease and foreign substances.

*Will the sun destroy my POR-15 coating if I don't top coat it?*

**No** Your POR-15 protection will remain, but the sun will change its appearance cosmetically. That is why we recommend a top-coat.

*Can I apply POR-15 over other paints?*

**Yes.** But you will lose the important benefits of POR-15. Ordinary paints are weakened by exposure to moisture. POR-15 cannot stop rust if it isn't in direct contact with the base metal.

**KEEP OUT OF THE REACH OF CHILDREN, PETS, ETC. HARMFUL OR FATAL IF SWALLOWED. DO NOT USE ON CHILDREN'S TOYS WHICH MAYBE PUT INTO THE MOUTH. USE IN WELL VENTILATED AREAS ONLY.**

### CATALOGUES

**Ask for our comprehensive 32 page catalogue, which shows the whole POR-15 range of preparation products, rust preventative paints, tie-coats. Fillers, heat paints and sealers available.**

### OTHER KITS AVAILABLE

**Rust Hole Repair Kits  
Easy Nickel Kits  
Fuel Tank Repair Kits—Cars  
Motorcycle Tank Repair Kits  
Polished Alloy Restoration Kits**

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