



## Product Specification

# PORTER'S LIQUID IRON & INSTANT RUST

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### PRODUCT DESCRIPTION:

Porter's Liquid Iron and Instant Rust create an authentic rusted iron effect on any paintable surface. Any object or surface can be instantly aged and given a rustic iron finish with these easy-to-use products. Apply Porter's Instant Rust to Liquid Iron and, overnight, rusting and patination will take place to give a weatherbeaten, rusted finish.

### LOCATION:

Interior and exterior.

### ENVIRONMENTAL INFORMATION:

Porter's Paints use only premium grade raw materials and wherever possible we buy from Australian suppliers. Our manufacturing processes are designed for maximum performance with minimum impact on the environment and user health.

### SUGGESTED APPLICATIONS:

Can be applied to most suitably prepared plasterboard, plaster, wood, plastic, metal, paper mâché, masonry and previously painted surfaces.

## COLOURS:

Choose from standard Black base or choose White Iron.

## LIMITATIONS:

Porter's Liquid Iron and Instant Rust will continue to rust after initial application. On exterior surfaces, be mindful that rust stains (caused by run-off) may appear on adjacent surfaces. To prevent these stains, we recommend finishing with Porter's Instant Rust Clear Sealer. Do not apply in high humidity, below 10°C or above 30°C.

## PREPARATION:

### NEW/UNPAINTED SUBSTRATES:

Substrate should be a clean well-held surface free from loose material, dirt, grease, oil and mould. Dust down before proceeding. On bare surfaces such as new unpainted plasterboard sheeting, timber, and most paintable surfaces, spot prime all joints and repaired areas with Porter's Prepare & Prime, then apply 1 or 2 coats of same to entire area. Allow 2 hours dry time before overcoating.

On new unpainted fresh set plaster do not proceed until plaster has thoroughly set and has dried completely. Firstly, apply 1 coat Porter's Mineral Silicate Primer by brush or roller. Touch dry 20 minutes. Allow 2 hours dry time. Then apply by brush, roller or spray 1 coat Porter's Prepare & Prime. Touch dry 20 minutes. Allow 2 hours dry time before overcoating.

On bare masonry surfaces such as, render or brick, spot prime all repaired areas with Porter's Limeproof Undercoat Sealer, then apply 1 coat of same to entire area by brush, medium nap roller or spray. Touch dry in 1 hour. Allow 6 hours dry time before recoating or over-coating.

On bare metallic surfaces 1 or 2 apply two coats of Porter's Universal Primer. Touch dry 2 hours. Recoat 6 hours. Allow to dry 24 hours.

### PREVIOUSLY PAINTED SUBSTRATES:

Previously painted surfaces with loose, peeling or flaking paint must be made sound by scraping off loose paint. Fill nail holes and cracks with suitable filler, sand and dust off. Spot prime all joints and repaired areas with Porter's Prepare & Prime, then apply 1 or 2 coats of same to entire area. Allow 2 hours dry time before overcoating.

## APPLICATION:

### APPLYING LIQUID IRON:

Stir thoroughly before use to ensure an even distribution of iron particles. Apply two coats by brush.

Touch dry in 2 hours. Allow a minimum 12 hours dry time between coats.

### APPLYING INSTANT RUST:

*Note:* Instant Rust contains 1.65g/L of hydrochloric acid, so please always wear rubber gloves and safety goggles.

As soon as the second coat of Porter's Liquid Iron is touch dry, (and can even be slightly tacky, but not wet) lightly apply by brush two coats of Porter's Instant Rust. Allow minimum 3 hours dry time between coats. Rusted appearance will begin to develop within hours and will continue to increase over the next 12 hours. To increase intensity of rusted effect, up to three coats may be applied. *Tip:* To accelerate the rusting effect surface can be lightly sprayed with water using a spray bottle.

*Please Note:* Liquid Iron treated with Instant Rust is a chemical reaction. Individual results may vary due to film thickness, methods used, time elapsed, ambient temperatures, substrate etc.

## COVERAGE RATES:

Porter's Liquid Iron covers approximately 6-8m<sup>2</sup> per litre, depending upon porosity, surface texture and wastage rates.

Porter's Instant Rust covers approximately 10m<sup>2</sup> per litre.

## WASH UP:

Water.

## COMPLEMENTARY PRODUCTS:

Porter's Prepare & Prime (coverage 12-14m<sup>2</sup> per litre).

Porter's Limeproof Undercoat Sealer (12m<sup>2</sup> per litre).

Porter's Universal Primer (coverage 10-12m<sup>2</sup> per litre).

Mineral Silicate Primer (coverage 10m<sup>2</sup> per litre) is recommended for priming new set plaster before undercoating.

We recommend finishing with Porter's Instant Rust Clear Sealer (coverage 15m<sup>2</sup> per litre) on interior or exterior surfaces finished with Porter's Liquid Iron & Instant Rust that require protection, sealing or isolation. Does not affect the finish, though no further oxidation will occur after application. Allow Liquid Iron and Instant Rust to dry for a minimum of 48 hours prior to the application of Instant Rust Clear Sealer.

## PACKAGING:

Porter's Liquid Iron is available in 500ml, 1 litre & 4 litre sizes.

Porter's Instant Rust is available in 500ml & 1 litre sizes.

## STORAGE:

Store in a cool, dry area, protected from frost.

## PRECAUTIONS:

When applying Instant Rust, wear rubber gloves and safety goggles. Keep out of reach of children. Avoid swallowing. Avoid eye contact. Avoid prolonged skin contact. Provide adequate ventilation. If accidental contact occurs, rinse immediately with water.

## POST INSTALLATION MAINTENANCE SCHEDULE

In General, the maintenance schedule for Porter's Liquid Iron is as follows:

1.

External: Use a low-pressure water wash and pH-neutral detergent to remove surface dirt, dust and any other contaminants.

Internal: Use microfibre cloth and pH-neutral detergent to remove surface dirt, dust and any other contaminants.

2.

Examine the surface for wear and tear or any damage. If damaged areas are evident, a recoat may be necessary. This will need to be undertaken from a clean edge/expansion join or corner to the same. To avoid any existing pattern of oxidation from the previous coat of Liquid Iron and Instant Rust showing through, first wash the surface with a solution of Sodium Bicarbonate 1:10 with water and a soft bristle brush. Rinse the surface thoroughly with clean water and allow to dry.

Next, apply 1 coat of Dulux Precision Maximum adhesion Primer to the entire surface. Allow to dry for a minimum of 24 hours.

Reprime with 1 coat of Porter's Limeproof Undercoat Sealer and allow 4 hours to dry.

Follow the repaint schedule of Liquid Iron and Instant Rust as per the standard specification.

NOTE: Liquid Iron with Instant Rust that has had the Instant Rust Clear Sealer applied may need periodic reapplication of the clear sealer at regular intervals, especially in coastal areas or areas exposed to prolonged, full sunlight. This should be applied in thin coats to a clean and washed surface.

The surfaces should be checked periodically for any signs of leeching of rust stains onto adjacent surfaces, at the first noticeable sign of this, 2 or more thin coats of Instant Rust Clear Sealer should be applied with a brush or low nap microfibre roller, with a minimum dry time of 4 hours between each coat in dry conditions.

## MANUFACTURER'S/DISTRIBUTOR'S DETAILS:

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