

## AUPP00049 Porter's Paints Liquid Iron

### Introduction

Part A

**PM3-D0832 (Black) & PM3-D0833 (White)**

### Description and Image

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, over-night, rusting and patination will take place to give a weatherbeaten, rusted finish.

### Features and Benefits

- The original and most authentic iron finish.
- Loaded with iron grit.
- Liquid Iron is black just like cast iron, then will develop a rust when activated with Liquid Iron.
- 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.
- Water wash up.
- Creates an authentic real rusted finish.

### Uses

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

✓ Interior ✓ Exterior

### Precautions and 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.

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.

Do not apply in high humidity, below 10°C or above 30°C.

### Typical Properties

Colour

Available in traditional Black or White

Components

1

Number of Coats

2

V.O.C. Level

< 55 g/L

Touch Dry

2 hours ( at 25 Deg C and 50% relative Humidity)

Clean Up



Water

Clean Up Description

Clean brushes and equipment with water. Do not pour paint down the drain. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Please confirm local requirements. For more information on responsible disposal of paint and packaging visit [paintback.com.au](http://paintback.com.au) or [paintback.co.nz](http://paintback.co.nz).

Application Methods



Brush

Application Conditions

Solids by Volume

31.3

Min

Max

Recommended

Wet Film Per Coat (microns)

125

167

144

Dry Film Per Coat (microns)

39

52

45

Recoat Time (min/hours)

12 hrs

indefinite

12 hrs

Theoretical Spread Rate (m<sup>2</sup>/L)

8

6

7

Typical Property Notes

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.

## Application Guide

### Surface 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, render, brick or timber, spot prime all joints and repaired areas with Porter's Limeproof Undercoat Sealer, then apply two coats of same to entire area.

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 Limeproof Undercoat Sealer. Touch dry 2 hours. Allow 6 hours dry time.

On bare metallic surfaces, apply a suitable metallic primer (anti-corrosive), then apply two coats of Porter's Universal Primer. Touch dry 2 hours. Recoat 6 hours. Allow to dry 24 hours. On galvanised iron only Universal Primer is necessary.

On plastic, 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 one coat to entire area. Allow 2 hours dry time.

### Application Procedure and Equipment

#### APPLYING LIQUID IRON:

Give the jerry can of Liquid Iron a good shake, then decant required amount of paint. Stir thoroughly prior to use to ensure an even distribution of iron particles. Apply two coats by brush. Touch dry in 2 hours. Allow minimum 12 hours dry time between coats.

#### APPLYING INSTANT RUST:

Note: Instant Rust contains hydrochloric acid, so please always wear rubber gloves and safety goggles (refer to separate Duspec datasheet and SDS for Instant Rust).

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.

#### COMPLEMENTARY PRODUCTS:

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 min 48 hours prior to application of Instant Rust Clear Sealer.

## Health and Safety

SDS Number

**DLXGHSEN001326 (Black)**

SDS Link

[View SDS Link](#)

SDS Number

**DLXGHSEN002000 (White)**

SDS Link

[View SDS Link](#)

### Using Safety Precautions

Keep out of reach of children. Avoid swallowing. Avoid eye contact. Avoid prolonged skin contact.

When applying Instant Rust wear rubber gloves and safety goggles. Provide adequate ventilation. If accidental contact occurs, rinse immediately with water.

**Please refer to SDS Link. In case of emergency, please call 1800 220 770.**

Transport and Storage	
Pack A <b>PM3-D0832 (Black) &amp; PM3-D0833 (White)</b>	
Size: <b>500ml, 1L &amp; 4L</b>	Weight: <b>1 Kg, 2 Kg, 8 Kg</b>
Flash Point <b>N/A</b>	UN Number <b>N/A</b>
Dangerous Goods Class <b>Not classified as Dangerous Goods for transport by Road, Rail or Air.</b>	

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.