

TECHNICAL DATA SHEET

P551

V1-24/03/2024

RUSTSEAL

DESCRIPTION & USE

P551 Rustseal is a two-component polymeric epoxy resin with excellent wetting ability. It is designed to penetrate rust and to seal the surface of rusty steel to create a tough surface for subsequent paint coats.

PROPERTIES

- Universal primer and tie coat
- Excellent adhesion to wire brushed rusty steel.
- Excellent Corrosion Resistance
- V.O.C. Compliant (98% solids)
- Surface Preparation to St2
- Grit blasting not essential
- Easy application by brush, roller or spray
- Bonds to:
 - Old Paint
 - Light Rust
 - Galvanised Steel
 - Damp Surfaces
 - Slightly Oily Surfaces
- Excellent resistance to:
 - Salt Water
 - Petroleum Products
 - Dilute Acids & alkalis

COLOUR	: Clear Amber
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 2 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 98%
MIXED DENSITY	: 1.08
PRACTICAL SPREAD RATES	: 38m ² /ℓ @ 25μm
DRY FILM THICKNESS	: 25 to 50μm
INDUCTION TIME	: 10 min
POT LIFE @ 25°C	: 1 hr
OVERTCOATING TIME @ 15°C	: 48 hrs (max)
OVERTCOATING TIME @ 30°C	: 24 hrs (max)
FULL CURE	: 7 days
APPLICATION TEMPERATURE	: 10 to 40°C
OPERATING TEMPERATURE	: -20°C to +60°C
CLEANING EQUIPMENT	: Pendong Epoxy Thinners
STORAGE TEMPERATURE	: 10 to 40°C
FLASH POINT	: 55°C
SHELF LIFE	: 12 months
PACK SIZE	: 3 & 15 litres

SURFACE PREPARATION

Rusty Steel: Wire brush to St2, high pressure wash and allow to dry.

Previously Painted: Remove salt contamination with fresh water and Holdtight® 102.
Sound old coatings may be left on.

MIXING & APPLICATION

Thoroughly mix the components together, ensuring to scrape the sides.
Apply by brush, roller or spray @ 25-50μm (Ensure that there is no ponding on horizontal surfaces)

HEALTH AND SAFETY

Please read instructions on container. Avoid skin contact, do not inhale vapours.
Skin: Wash well with soap & water
Eyes: Flush with water & immediately seek medical attention.
Read 16-point Safety Data Sheet.

HOW TO SPECIFY

All surfaces to be prepared and coated with P551 Rustseal in accordance with the manufacturer's instructions.

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.

