

## TECHNICAL DATA SHEET

## D551 RUSTSEAL

V1-24/03/2024

### DESCRIPTION & USE

D551 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

<b>COLOUR</b>	: Clear Amber
<b>N°. OF COMPONENTS</b>	: 2
<b>MIXING RATIO (VOL)</b>	: 2 : 1
<b>CONSISTENCY</b>	: Liquid
<b>VOLUME SOLIDS</b>	: 98%
<b>MIXED DENSITY</b>	: 1.08
<b>PRACTICAL SPREAD RATES</b>	: 38m <sup>2</sup> /ℓ @ 25µm
<b>DRY FILM THICKNESS</b>	: 25 to 50µm
<b>INDUCTION TIME</b>	: 10 min
<b>POT LIFE @ 25°C</b>	: 1 hr
<b>OVERTCOATING TIME @ 15°C</b>	: 48 hrs (max)
<b>OVERTCOATING TIME @ 30°C</b>	: 24 hrs (max)
<b>FULL CURE</b>	: 7 days
<b>APPLICATION TEMPERATURE</b>	: 10 to 40°C
<b>OPERATING TEMPERATURE</b>	: -20°C to +60°C
<b>CLEANING EQUIPMENT</b>	: Dekster Epoxy Thinners
<b>STORAGE TEMPERATURE</b>	: 10 to 40°C
<b>FLASH POINT</b>	: 55°C
<b>SHELF LIFE</b>	: 12 months
<b>PACK SIZE</b>	: 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 D551 Rustseal in accordance with the manufacturer's instructions.