

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

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	: 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 D551 Rustseal in accordance with the manufacturer's instructions.