

R.DS.006**TECHNICAL DATA SHEET****STEEL CLEAN****GENERAL DESCRIPTION:**

An acidic degreasing fluid for removing surface oxidation, oils and greases from galvanized steel and mild steel. Also designed for etching and cleaning the surface of granno and concrete.

USES:

Preparing new and oxidised galvanised steel surfaces for painting. Removing rust from mild steel (NB heavily rusted surfaces may require multiple applications). Cleaning of granno and concrete surfaces (using a 1 + 5 water dilution).

FEATURES & BENEFITS:

- Acid degreasing fluid, removes oxidation, oils and grease
- Prevents rust
- Etching and cleaning

TECHNICAL INFORMATION**1. STEEL CLEAN**

PHYSICAL FORM	Low viscosity fluid with characteristic odour
COLOUR	Water White
FINISH	Does not form a film
SPREADING RATE	Approximately 10 m ² per litre per application
COMPOSITION	Inorganic acid, detergent and degreasing solvents
DRYING PROPERTIES	Approximately 5 minutes
FLASH POINT	> 42°C (Abel Closed Cup method)
PACKAGING	1L & 5L
THINNING	Dilute 1 part cleaner to 5 parts water for cleaning granno and concrete
CLEANING	Equipment is readily cleaned using water. Do not allow equipment to stand in cleaner for long periods of time as the acid content may cause damage
APPLICATION METHOD	Supplied ready-for-use using a brush or roller. May be sprayed but special care must be taken to prevent skin, eye or mouth contact as well as ingestion, due to the acidic nature of the product

APPLICATION DETAILS**Zinc Surfaces (Galvanised Steel):**

Apply RB10 Steel Clean to the surface using a brush or roller. Cover an area of up to 4m² at a time to prevent the cleaner standing for an excessive time period. This can cause the protective zinc metal layer to be dissolved. Allow the cleaner to remain in contact with the surface for no longer than 5 minutes then rinse off with clean water and a broom. Apply a second rinse to ensure all traces of cleaner are removed and allow the surface to dry. Prime the surface within 4 hours using a RB10 primer for optimum corrosion and coating life.

Mild Steel Surfaces:

Apply RB10 Steel Clean as described above. If the steel is heavily rusted, several applications may be required together with mechanical abrasion using abrasive pads (e.g. Scotchbrite® or emery paper). To prevent flash rusting of the de-rusted surface, it is suggested that it is rinsed with clean water containing 5% household ammonia solution.

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Granno or Concrete surfaces:

Dilute RB10 Steel Clean 1 part + 5 parts water before applying as described above. The cleaner will immediately react with the surface to form bubbles. Rinse thoroughly several times to remove all traces of cleaner.

Note: RB10 Steel clean etches the surface of these materials and increases the porosity and friability. It is highly recommended that the surface is properly sealed before applying a finishing coat.

DO NOT PAINT
IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
IF IT IS RAINING OR RAIN IS FORECAST
BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

HEALTH & SAFETY

Keep paint away from children. Never smoke, drink or eat while painting. Wear protective overalls, gloves and goggles. If accidental contact with skin should occur, wash immediately with clean water. Harmful if swallowed. Do not induce vomiting. Consult your doctor. Ensure good ventilation during application and drying. Store in a cool, dry place out of the sun.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith but no guarantee of any performance characteristic is given or implied. RB10 paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of RB10 products. Paint technology is continuously being developed and RB10 Paints reserves the right to update product specifications without prior notice. Contact RB10 Paints for further details.