

DUROX

Rust converter



Properties

DUROX is a highly effective rust stabilizer based on tannic acid for pretreatment of rusted metal surfaces. DUROX rust converter forms highly effective, bluish coloured iron complex salts with the rust and the metal base, which lead to a compaction of the metal surface. This largely prevents water and atmospheric oxygen from entering and thus slows down further rusting. By adding rust inhibitors, which additionally passivate the metal, as well as film formers, which strengthen the temporary protection, DUROX forms an adhesion bridge for a subsequent coating build-up. DUROX can also be applied at low temperatures and can be painted on still wet iron.

Field of application

For neutralizing rust damage to vehicles, construction machinery, steel scaffolding, pipelines, cranes, agricultural equipment, iron railings, etc.

Processing

1. Remove loose rust and paint residues mechanically.
2. Apply DUROX to the rusty metal surfaces to be treated. If possible, intact paint coats should not be treated at the same time, as otherwise adhesion problems may occur. If this is not possible due to the object, it is essential to ensure that the object is thoroughly washed.
3. Allow to soak for 6–12 hours.
4. Then rinse thoroughly with water (steam cleaner) (neutralize).
5. Application of a suitable paint system (primer and top coat).

Dilution

Use DUROX undiluted.

Extensiveness

10–15 m² per litre and application.

Application

Brush, roller, spray gun or immersion bath.

Cleaning

Clean tools immediately after use with universal or cleaning thinner.

Delivery form

Packages of 5 litres as well as 1000ml, 500ml and 250ml.

Colours

Cloudy – the metals change colour after the chemical transformation into a blue-black shade.

Shelf life

DUROX rust converter can be stored for at least 18 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Store in a cool and dry place.

Binder base

Tannic acid and rust inhibitors

Viscosity

Low viscosity / 12–15 seconds DIN 4mm

Density

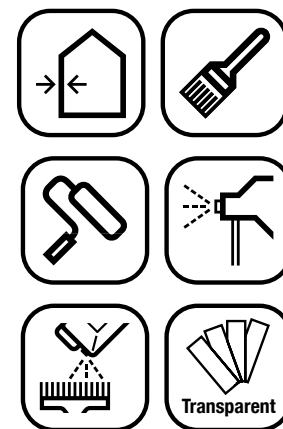
0,90 ± 0,05 g/cm³

Solid content

24 ± 1 %

Gloss level

Matt



Registration	CPID 279548
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
Note	This leaflet is only intended as a reference and non-binding advice. Should there be any ambiguity or contradictions in the wording in this translated language, the German version shall be deemed the original reference. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.