

RUSTPROOFING

OPTIMUM USE OF LOCTITE® EXTEND® RUST TREATMENT

SURFACE PREPARATION – OLD STEEL:

Loose or “flaky” rust must be removed. Only conversion of firmly bonded rust will result in durable protection. Oil, grease, old paint, mill scale, form oil, fingerprints, water soluble surfaces and chlorides must be removed to allow Loctite® Extend® Rust Treatment to react with rust. Ideal surfaces will show light rust as well as bare metal surfaces.

RUST CONVERSION TIME AND APPEARANCE:

Two coats of Loctite® Extend® Rust Treatment are recommended.

The first coat should develop a purple-black color within seconds. The second coat should dry to a black color. The second coat should be applied within 15-30 minutes of the first coat.

APPLICATION CONDITIONS:

Loctite® Extend® Rust Treatment may be applied when surface and air are between 50°F and 90°F. Reaction is slower at lower temperatures. If temperature is too hot, film may surface dry and bubble. High humidity is beneficial; it slows drying but assists rust conversion. Loctite® Extend® Rust Treatment should not be applied in conditions of condensing humidity (e.g. fog, dew), on ice, in rain or in heavy sea (salt) spray atmospheres. Steel surface may be damp but not wet (i.e. continuous visible film of water). **DO NOT APPLY LOCTITE® EXTEND® RUST TREATMENT TO SURFACES IN DIRECT SUNLIGHT.**

APPLICATION EQUIPMENT METHODS:

Loctite® Extend® Rust Treatment may be applied by brush, roller, or spray. Brush or roller is suitable for small areas. Avoid sags and ridges and keep edges wet by coating about a square yard at a time. Roll away from previously coated area and then roll back. Do not pour unused material back into the original container. **NEVER** add solvents to Loctite® Extend® Rust Treatment.

Spray application is recommended for larger areas. Airless spray equipment is faster, and provides more effective conversion due to improved surface penetration. Conventional air-spray equipment may be used, but Loctite® Extend® Rust Treatment may require thinning up to 10% with water for proper spraying.



CLEANING

GENERAL PURPOSE PARTS CLEANING

In general, Loctite® Natural Blue® Biodegradable Cleaner & Degreaser cleaning effectiveness is enhanced by:

- Higher concentrations of Loctite® Natural Blue® Biodegradable Cleaner & Degreaser
- Longer cleaner on-part times
- Dilution with warm water (150°F to 180°F)
- Agitation of parts or scrubbing



DIRECTIONS

- Dilute Loctite® Natural Blue® Biodegradable Cleaner & Degreaser concentrate with water to most economical/effectiveness level. See package labels for suggested ratios.
- Spray, dip or wipe dilution onto parts or surface to be cleaned.
- Soak parts or scrub (if needed).
- Flush soil/cleaner mixture off of parts or surfaces with water.
- Disposal: Loctite® Natural Blue® Biodegradable Cleaner & Degreaser contains no hazardous ingredients. It should be disposed of in accordance with state and local regulations and will not harm sewage treatment microorganisms. Once Loctite® Natural Blue® Biodegradable Cleaner & Degreaser is mixed with hazardous waste, it must be treated as hazardous waste and disposed of accordingly.

Note: Loctite® ODC-Free Cleaner & Degreaser is recommended for cleaning substrates before Loctite® machinery adhesive use.