

linea **COR**



TECHNICAL DESCRIPTION

bp-COR Oxidation Fixative 0.5 L

bp-COR is an acrylic sealer that stops the rusting (oxidation) process on Corten steel products, creating an external layer that protects the product from further oxidation.

IMPORTANT: Before using this product, shake the bottle thoroughly, as active particles may have settled at the bottom during storage.

KEEP OUT OF REACH OF CHILDREN

HOW TO USE

Before using this product, the surface must be completely clean, free of paint, grease, or other residues. You can also rinse an already oxidized surface with water and allow it to dry for 24 - 48 hours to improve adhesion to the oxidized surface.

It is recommended to use a roller for proper and even application on the metal surface.

The drying process is fast, but if you plan to apply a protective varnish, you must wait 48 hours. This waiting period is necessary even if the surface appears dry to the touch.

Do not apply the product to a wet or damp surface.

For indoor use, shake the bottle and mix 50% **bp-COR** with 50% water. Stir again to ensure a uniform solution. It is highly recommended to apply two layers with 60-90 minute intervals. This product is also suitable for other metals, such as steel or iron, that will be used indoors without exposure to moisture. Afterward, **bz-COR** varnish can be applied for indoor use, giving the product a unique appearance.

For outdoor use, apply two or three layers with 60-90 minute intervals. Due to its composition, **bp-COR** can be used as the final layer only on Corten steel. For outdoor applications, do not dilute with water, as the stronger concentration enhances its effectiveness.

After applying **bp-COR** and exposure to rain, the surface may wash off, and a thin rust layer may run off, with "patina" oxidation streaks visible on adjacent surfaces for 4-5 months. Durable protection develops over time under different environmental conditions. The initial fixative application prevents approximately 80% of rust runoff. Full protection from streaking and staining forms within 4-5 months. Without the fixative, the product may remain prone to staining for 18-24 months. For complete protection, we recommend applying a varnish.

APPLICATION TEMPERATURE

The optimal temperature for applying **bp-COR** is between 12-25 °C. Do not use the product at temperatures below 12 °C. If the temperature is above 25 °C, it is recommended to work in a shaded area or indoors to prevent roller marks or bubbles caused by excessive heat.

STORAGE

No special storage conditions are required, but the bottle should be tightly closed, and direct sunlight

should be avoided.

EFFICIENCY

- **For indoor use** (diluted with 50% water): 30-35 m² per liter (one coat).
- **For outdoor use** (undiluted): 20-22 m² per 0.5 liter (one coat).

Quick Guide

A complete Corten steel treatment consists of metal surface cleaning, followed by the application of an oxidation activator, patina fixative, and varnishes.

1. Clean and degrease the surface, removing any debris.
2. If Corten steel is thicker than 2 mm, remove the hard slag layer using **dx-COR** solvent.
3. If **act-COR** activator is required, apply two layers of **act-COR**. Wait at least 60 minutes before applying the second layer.
4. **For indoor applications:** After 24 hours, apply 2 layers of **bp-COR** fixative, diluted with 50% water. Allow 90 minutes of drying time between layers.
For outdoor applications: After 24 hours, apply 2 or 3 layers of **bp-COR** fixative undiluted. Allow 90 minutes of drying time between layers.
5. If needed, after 24 hours, apply **bz-COR** varnish in 2 layers. Allow 3-4 hours of drying time between layers (for indoor use only).