

linea **COR**



act-COR oxidation activator

TECHNICAL DESCRIPTION

WARNING

Before using this product and to ensure maximum efficiency, hard slag flakes must be completely removed from Corten steel surfaces thicker than 2mm.

KEEP OUT OF REACH OF CHILDREN

HOW TO USE

Before applying the rust activator, the treated surface must be completely clean, free of paint, grease, or other residues.

Shake well before use to ensure a uniform consistency.

Pour **act-COR** into a sprayer, spray evenly on the surface you want to activate and cover with rust. To achieve a more uniform oxidation tone, use a foam roller to distribute the liquid evenly after spraying. After 30 minutes, once the surface is completely dry, a second layer can be applied. Then, wait to observe the different shades that Corten metal will develop. After approximately 10 hours, the surface will appear rusted, but it will take 1-2 days for the colors and tones to fully develop. If a more intense rust effect is desired, the surface can be re-sprayed after 3-4 days. The formation of rust will depend on several factors, such as the application method, humidity, and other conditions.

APPLICATION TEMPERATURE

The optimal temperature for applying **act-COR** should be between 12 – 26 °C (the surface should also be within this temperature range). The final result and color may vary depending on different conditions.

CLEANING METHOD

Thoroughly rinse all used components with water.

EFFICIENCY

From 20 to 22 m² per liter of **act-COR** (when applied in two layers).

DRYING TIME

Drying time varies from 30 to 45 minutes, depending on humidity, temperature, and the working environment (indoors or outdoors).

IMPORTANT NOTES

This product is sensitive to light, so attention should be paid to the rust formation process. The rusting process will be faster, and color tones will change depending on the environment (indoors or outdoors) and light intensity. For example, under fluorescent lighting at a 2-meter distance, the rusting process will accelerate, and dark red tones will appear sooner.

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. Apply **act-COR** activator in two layers. Wait at least 60 minutes before applying the second layer.
4. After 24 hours, apply **bp-COR** fixative in 2-3 layers. Allow each layer to dry for 90 minutes before applying the next.
5. If necessary, after 24 hours, apply **bz-COR** varnish in 2 layers. Allow 3-4 hours of drying time between layers (for indoor use only).