

Technical Specification

bz-COR Glossy Polyurethane Varnish is a single-component outdoor varnish that provides a strong protective layer and must be applied over the protective bz-COR varnish. It serves as the final coating, giving Corten steel a glossy effect.

When using this varnish, wear a protective mask. If working in a poorly ventilated area, take precautions to avoid inhaling product fumes. The drying process must take place in a well-ventilated space to prevent an uneven finish or streaks.

Under no circumstances should this product be applied to a damp surface or areas containing water residue.

This product is recommended for professional use only.
Keep out of reach of children.

How to Use

Shake the varnish well to ensure a uniform consistency. Use only on clean and dry surfaces. This varnish can be applied using a brush, roller, or spray gun, depending on the type of surface and the desired finish. Since it is a glossy varnish, it is important to stir it during application to prevent settling.

For outdoor use: Apply 3 coats, allowing 3-4 hours of drying time between coats. Do not leave more than 12 hours between applications.

Touch dry: 7 hours
Scratch-resistant: 24 hours

Physical Properties

- **Density at 20°C:** 0.980 kg/cm³
- **Solid content:** 50%
- **Condensation:** Reacts with ambient moisture
- **Product type:** Single-component
- **Color:** Transparent

Application Temperature

It is recommended to use bz-Cor Polyurethane Glossy varnish at temperatures between 10°C and 30°C. Applying the product outside this range may lead to an excessively fast drying process or an uneven finish.

Storage

Store the product in a cool, well-ventilated area, away from direct sunlight.
Shelf life: 6 months

After use, ensure the container is properly sealed to prevent prolonged exposure to air.

Coverage

1 liter of product covers approximately 8 square meters per coat.

Drying Time

Each coat requires 3-4 hours of drying time. It is recommended to apply 3 coats of bz-Cor Polyurethane Glossy to achieve optimal protection for Corten steel.

The final coat should be allowed to dry for 24 to 48 hours, but maximum durability and resistance are achieved after 7 days.

Maintenance

A glossy Corten steel finish is highly durable, but maintenance is still required. Specific maintenance needs depend on physical, mechanical, and environmental conditions. It is recommended that maintenance be carried out by a specialized company to ensure proper care in each case.