

LINEACOR®

Products for the treatment of corten steel

bz-COR

Polyurethane Glossy

Protective varnish for COR-TEN and COR-TEN steel

TECHNICAL DATASHEET

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Protective varnish **bz-COR Polyurethane Glossy**

bz-COR Polyurethane Glossy is a polyurethane polymer designed to be the final layer of the COR-TEN steel treatment process with a glossy finish for parts outdoors and that have a constant aggression from the weather. Also with 3 layers of varnish, **bz-COR Polyurethane Glossy** treated corten steel is given anti-stain protection.

It is quite transparent and polymerizes easily (reacts with ambient humidity).

IMPORTANT: *Never mix this varnish with universal solvent, only use "XILENO" or a polyurethane solvent. During the application of the varnish, make sure you do not leave the container uncovered, as this could cause the top of the surface of the varnish to harden and that in turn will make it difficult to use.*

During the application, you should wear a mask and if working in a poorly ventilated space, be careful not to inhale the product's vapours. At the time of application, drying must take place in a very well ventilated area to avoid a dull finish and the occurrence of streaking.

Under no circumstances should you apply this product onto a damp surface or where there is water (i.e. rain) as this varnish reacts with water.

This product is recommended for professional use only.

This product must be kept out of the reach of children at all times.

HOW TO USE

In the application of this varnish we can use a brush, a 0 pore roller or a turbine gun, depending on the type of surface and / or finish.

Apply to the dry layer of **bz-COR** for outdoor surfaces. It is also possible to apply directly over **bp-COR**, but in this case consult our technical service.

For OUTDOORS: 3 applications at 3-4 hour intervals between each application.

DRY FOR DUST: 5 hours
DRY TO THE TOUCH: 7 hours
DRY FOR SCRATCHES: 24 hours

Do not delay application between coats for more than 12 hours outdoors or 24 hours indoors.

Highly resistant to abrasion. It does not acquire all its properties of physical resistance until after 7 days and with 3 layers.

PHYSICAL CHARACTERISTICS

Density at 20 °C	0,980 kg/cm3
Solids content	50%
Polymerised	Reacts with humidity in the environment
Type of product	Monocomponent
Colour	Transparent
Solvent	For polyurethane or Xylene

WORKING TEMPERATURE

When applying **bz-COR Polyurethane Glossy** varnish, we advise – for both outside and inside installations – you work in an ambient temperature of between 10 and 30 °C. We do not recommend applying the product outside of these temperature ranges because it can result in very fast drying and / or dulled finish.

STORAGE

Keep covered in a cool and ventilated place, avoiding sources of heat and direct sunlight.
Duration of the packaged product: 6 months being well closed. Once opened, cover and avoid prolonged contact with air.

COVERAGE

You should achieve approximately 8 m2 per litre of product used, based on applying a single coat.

DRYING TIME

It has a drying time for each layer of between 3 and 4 hours. Give 3 applications. For the final drying, it will be necessary to wait between 24 and 48 hours after the last application, although it reaches the maximum resistive power after 7 days.

MAINTENANCE

With the gloss finish, COR-TEN steel has a greater durability, but it must be subjected to maintenance. This maintenance will depend directly on the physical, technical, mechanical and atmospheric characteristics of the place where it is installed and must be a specialized company, which specifies the maintenance to be followed according to each case.

IMPORTANT CONSIDERATIONS

It is recommended to wear mask, gloves and protective glasses when using the product. Read the Safety Data Sheet of the product.

