



GORI 79 ANTI UV

Wood Stain

Water-based, transparent wood finish based on acrylic technology. Protects the wood against UV-light. Film protects against fungi and algae. The water repellent film protects against rain/moisture, still enabling the wood to breathe. This makes the product suitable for wooden constructions, where dimension stability is important.



PRODUCT DESCRIPTION

Where to use	On all wooden substrates and species in system with a primer. <u>Not</u> recommended for horizontal surfaces such as terraces, bannisters etc. Protects the wood against UV-light. Film protects against fungi and algae. The water repellent nature of the film protects against rain/ moisture, still enabling the wood to breathe, which makes it suitable for wooden constructions, where dimension stability is important.
Form supplied	Ready to use.
Substrate	The surface must be clean, dry, and solid.
Pre-treatment	On softwoods (pine, spruce, larch) we recommend pre-treatment with 1 coat of a GORI wood preservative.
Treatment	<p>Read label and instruction before using the product. Stir well before use. Use primarily on fresh and non-weathered pine and spruce. May also be used on other wood species such as new and non-weathered larch, teak, mahogany, cedar, and oak.</p> <p><u>Pine, spruce, larch</u>: min. 3 coats of GORI 79. <u>Teak, mahogany, cedar, oak</u>: min. 3 coats of GORI 79. <u>Other wood species</u>: On some tropical wood species, certain wood extractives can prolong the drying time. In this case, we recommend that you test the drying time on a small area and/or wash with cellulose thinner before treatment. Do not use at temperatures below 5°C or above 80% relative humidity.</p> <p>To get the full benefit of the colourless topcoat, it is important that our recommendations for maintenance and renovation be followed. Since GORI 79 does not contain any pigments, it is important to observe that it will not hide any existing or future visible</p>

TECHNICAL DATA SHEET

10130DSC13X79/10130DN01079 / #3107



damage or discoloration. Colourless systems will slow down the process of the natural yellowing of the wood, but some change in the colour of the wood may occur over time.

Maintenance

Inspect the treated wood at least once a year. Renovate all damages up to full system. In general, the surface should be kept clean. Every 2 years (after repairing damages), we recommend that you apply 1 coat of GORI 79 to prolong the durability and prevent future damage.

Small areas: Sand down damaged area to fresh wood. Renovate with the system of 1 coat of GORI wood preservative + 3 coats of GORI 79 (minimum dry film thickness of 75 microns). Large areas: The same procedure as for the smaller areas, but in general we recommend a total renovation.

Application method

Apply with brush. Avoid application in direct sunlight. During application and drying, the temperature must be above 5°C and relative humidity below 80%.

Thinning

Do not thin.

Cleaning of tools

Soap and water.

TECHNICAL PRODUCT DESCRIPTION

Odour

Weak. Odourless after drying.

Coverage

App. 8-12 m²/l – depending on state of substrate. You must achieve min. 75 microns dry film thickness = min. 3 coats).

Drying time

Drying time varies depending on amount of product absorbed and ventilation conditions. Touch dry: app. 1 hour. Recoatable: app. 4 hours. Completely dry: app. 48 hours. Measured at 23°C and normal humidity (60%). Deviations may occur depending on temperature, humidity, and layer thickness.

Shelf life

3 years in unopened container. Limited shelf life after opening.

Storage

Store and transport frost free in tightly closed container. Store in a dry and cool area away from direct sunlight.

TECHNICAL DATA

Product type

Water-based; transparent wood finish based on acrylic technology.

Density

App. 1.04 g/ml.



TECHNICAL DATA SHEET

10130DSC13X79/10130DN01079 / #3107



Flash point	Not flammable.
Solid content	36.8 vol %.
Viscosity	Non-drip.
Gloss	Semi-Gloss: 40-50 at a 60° angle.

COMPOSITION

Binder	Acrylic.
Solvent	Water.
Pigments	None.
Additives	Fungicide: IPBC.

SAFETY AND ENVIRONMENT

General	Observe common safety rules for work with paints and varnishes. Further information is available from our safety data sheet on www.gori.com .
Disposal	Do not empty into drains or into the environment. Do not pour into sewers, water reserves or soil. Hand in left over product at your local waste disposal. Empty can be recycled (check with your local waste disposal site or your local authorities).

ADDITIONAL INFORMATION

Wood species Western Red Cedar, Alaska Yellow Cedar, Larch, and similar types of wood contain tannin, which may repel coating and/or staining. Please make a test on a small area before treating and check the result.

Note: All softwood may retract or swell up to 12 %. No film can adapt to this kind of movement and therefore a maximum of 18 % humidity is the limit for applying treatment.

Iroko, Teak, Rubberwood and some other wood species contain "oil", which may delay drying and thereby give an uneven surface after application. You can try cleaning the surface with cellulose thinner and then sand with grit 220. Test a small area before application. However, we stress that there is no guarantee for a satisfactory result.

Ipe turns grey after coating with wood stains, but by power washing after coating is worn out you may return to original colour.

TECHNICAL DATA SHEET

10130DSC13X79/10130DN01079 / #3107



As wood is an organic material, there is no guarantee that the same wood species will react the same way in different areas, when treated/coated/stained. For more information and safety data sheets: www.gori.com.

The purpose of this Technical Data Sheet is to provide our clients with information about the properties and characteristics of the product. The information provided, is based on tests conducted by us under usage conditions that comply with the prevailing standards. Our recommendations for use are for information only, and in no event shall they take precedence over any specific recommendation taking into account the nature and conditions of a particular site, nor shall they engage PPG's liability. Before all applications of the product, clients should check that this document has not been amended by a more recent version, which takes into account new technical data. This version annuls and replaces all previous versions of Technical Data Sheets relating to this product. Technical Data Sheets can be downloaded from www.gori.com.

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