

TECHNICAL DATA SHEET

10130DSC13X79 / July 2019 / # 3107 / LSC

GORI 79

PRODUCT DESCRIPTION

Product type	Water based, transparent wood finish based on acrylic technology.
Special qualities	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. Therefore the topcoat is suitable for wooden constructions, where dimension stability is important.
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.
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 GORI 11 or GORI 22.
Treatment	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.

Pine, spruce, larch: 3 coats of GORI 79.

Teak, mahogany, cedar, oak: 3 coats of GORI 79.

Other wood species: 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.

In order to get the full benefit of the colourless topcoat, it is important that our recommendations for maintenance and renovation are followed. Since GORI 79 does not contain any pigments, it is important to observe that it will not hide any existing or future visible 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.

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Maintenance	<p>The treated wood must be inspected 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 in order to prolong the durability and prevent future damage.</p> <p><u>Small areas:</u> The damaged area must be sanded down to fresh wood. Renovate with the system of 1 coat of primer + 3 coats of GORI 79 (minimum dry film thickness of 75 microns). <u>Large areas:</u> The same procedure as for the smaller areas, but in general we recommend a total renovation.</p>
Application method	<p>Apply by brush. Avoid application in direct sunlight. During application and drying, the temperature must be above 5°C and relative humidity below 80%.</p>
Thinning	<p>Do not thin.</p>
Cleaning of tools	<p>Soap and water.</p>
General	<p>Close can firmly after use.</p>

TECHNICAL PRODUCT DESCRIPTION

Odour	<p>Weak.</p>
Coverage	<p>App. 8-12 m²/l – depending on the state of the substrate. You need to achieve minimum 75 microns dry film thickness = 3 coats).</p>
Drying time	<p>Drying time varies depending on amount of product absorbed and ventilation conditions. <u>Touch dry:</u> app. 1 hour. <u>Recoatable:</u> app. 4 hours. <u>Completely dry:</u> app. 48 hours. Measured at 23°C and normal humidity (60%). Deviations may occur depending on temperature, humidity and layer thickness.</p>
Shelf life	<p>3 years in unopened container. Limited shelf life after opening.</p>
Storage	<p>Store and transport frost free in tightly closed container. Store in a dry and cool area away from direct sunlight.</p>

TECHNICAL DATA

Specific gravity	App. 1.0 kg/l.
Flash point	-
Viscosity	Non-drip.
Solid content	32.3 v/v%.
Gloss	Semi Gloss: 4-50 at a 60° angle.

COMPOSITION

Binder	Acrylic.
Solvent	Water.

SAFETY AND ENVIRONMENT

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

ADDITIONAL INFORMATION

Wood species	<p>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 final result.</p> <p>Please also note that 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.</p> <p>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</p>
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surface with cellulose thinner and then sand with grit 220. Test a small area afterwards with application. However, we stress that there is no guarantee for a satisfactory result.

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

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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