

## TECHNICAL DATA SHEET

10130DSC13X44 / July 2019 / # 3105 / LSC

### GORI 44+

#### PRODUCT DESCRIPTION

<b>Product type</b>	Water based, translucent, alkyd modified wood protection.
<b>Special qualities</b>	Alkyd modified wood protection. Enhances the structure of the wood and gives the wood a decorative and weather resistant surface. Easy to apply. Protects against the sun's UV-rays and prevents surface attacks from blue stain and mould.
<b>Where to use</b>	On all outdoor wooden substrates and species in system with a primer. <u>Not recommended</u> for horizontal surfaces e.g. terraces, bannisters etc.
<b>Form supplied</b>	Ready to use.
<b>Substrate</b>	The surface must be clean, dry and solid. At the time of treatment, the humidity in windows should be max. 12 + 3% and in ventilated, outdoor cladding max. 15 + 3%.
<b>Pre-treatment</b>	Remove any loose materials and dust. Clean with GORI Wood Cleaner to remove mould and dust. Sand down deteriorated wood. New and untreated wood, or worn down wood must be pre-treated against fungi and mould with GORI 11 or GORI 22. It is not necessary to pre-treat new pressure- or vacuum-impregnated wood or exotic wood species. After app. 24 hours and within 2 weeks you can treat the surface with GORI 44+.
<b>Treatment</b>	Read label and instruction before using the product. Stir well before use. Never use a colourless product as a finishing treatment without a pigmented undercoat. When using translucent colours, you can mix clear with pigmented 1:1, so the wood will not turn darker. Apply 2-3 coats of GORI 44+.
<b>Maintenance</b>	1-2 x GORI 44+. Inspect treated wood regularly and repair if and when necessary.
<b>Application method</b>	Apply with brush. Avoid application in direct sunlight. During application and drying, the temperature must be above 5°C and relative humidity below 80%.
<b>Thinning</b>	Do not thin.
<b>Cleaning of tools</b>	Soap and water.
<b>General</b>	Mix different batches in order to avoid variations in colour and gloss. Close can firmly after use.

## TECHNICAL PRODUCT DESCRIPTION

<b>Odour</b>	Weak.
<b>Coverage</b>	App. 9-12 m <sup>2</sup> /l – depending on the state of the substrate.
<b>Drying time</b>	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. 3-4 weeks. Measured at 23°C and normal humidity (60%). Deviations may occur depending on temperature, humidity and layer thickness.
<b>Shelf life</b>	3 years in unopened container. Limited shelf life after opening.
<b>Storage</b>	Store and transport frost free in tightly closed container. Store in a dry and cool area away from direct sunlight.

## TECHNICAL DATA

<b>Specific gravity</b>	App. 1.01-1.1 g/ml.
<b>Flash point</b>	>100°C Pinsky-Martens.
<b>Viscosity</b>	12 sec. (DIN cup 4 mm).
<b>Solid content</b>	17 W/W% - 16.1 v/v% depending on colour

## COMPOSITION

<b>Pigments</b>	Organic and inorganic pigments.
<b>Solvent</b>	Water.
<b>Active ingredients</b>	0.3% iodio-2-propynyl butylcarbamate.

## SAFETY AND ENVIRONMENT

<b>General</b>	Common safety rules for work with paints and varnishes must be observed.
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Further information is available from our safety data sheet on [www.gori.com](http://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

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

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.

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 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](http://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](http://www.gori.com).*

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