

# TECHNICAL DATASHEET

10130DSC12X38 / #1297



## GORI 38 PROTECT Decking Oil

GORI 38 is a special oil for care and protection of outdoor, wooden decking. GORI 38 preserves the original glow of the wood. Gives a water repellent quality to the wood and prevents mould and fungal growth on the surface.

### PRODUCT DESCRIPTION

|                    |  |
|--------------------|--|
| Where to use       | Outdoor wooden decks. Suitable for all wood species – also exotic wood species, such as: teak, nyatoh, bangkirai, meranti and ipe, as well as wood treated through autoclaving. For larch, we recommend pre-treatment with a GORI wood preservative.   |
| Form supplied      | Ready to use.  |
| Substrate          | Surface must be clean, dry, and solid. Wood moisture must not exceed 18%.  |
| Pre-treatment      | Clean previously treated surfaces with soap and water. Remove mould using a wood cleaner. Rinse with clean water. Brush damaged wood until reaching healthy wood. If necessary, use a high-pressure cleaner (moderate pressure). If desired, apply a GORI wood preservative on new and untreated wood to protect against rot and fungi. No need for pre-treatment with a wood preservative on hardwood or pressure-impregnated wood. |
| Treatment          | 2 coats of GORI 38. Apply with a brush along the wood grain until wood is soaked. Remove excess oil with a lint-free cloth after 15-30 minutes. Maintenance: Once a year as required with 1-2 applications of GORI 38.   |
| Application method | Avoid application in direct sunlight. During application and drying, the temperature must be above 5°C and relative humidity below 50%.  |
| Thinning           | Do not thin.   |
| Cleaning of tools  | White spirit.  |

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|                    |   |
|--------------------|---|
| <b>Odour</b>       | Strong. Odourless after drying.   |
| <b>Coverage</b>    | App. 10-16 m <sup>2</sup> /l. Coverage varies according to type of wood, wood porosity, surface condition, wood species, cut structure and direction.   |
| <b>Drying time</b> | <u>Drying time varies according to:</u> Temperature, humidity, ventilation, and amount of product applied. <u>Touch dry:</u> app. 3-5 hours. <u>Recoatable:</u> app. 24 hours. Measured at 23°C and humidity below 50%. Terrace can be used 2 days after application. |
| <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>Product type</b>  | Natural oil.                 |
| <b>Density</b>       | 0.87-0.91 g/m <sup>3</sup> . |
| <b>Flash point</b>   | 63°C.                        |
| <b>Solid content</b> | 45.1-49.0 vol. %.            |
| <b>Viscosity</b>     | Thin.                        |
| <b>Gloss</b>         | Matt.                        |

## COMPOSITION

|                  |                                      |
|------------------|--------------------------------------|
| <b>Binder</b>    | Alkyd/linseed oil.                   |
| <b>Solvent</b>   | Aliphatic hydrocarbons/white spirit. |
| <b>Pigments</b>  | Organic and inorganic pigments.      |
| <b>Additives</b> | Fungicides: IPBC.                    |

## SAFETY AND ENVIRONMENT

|                |  |
|----------------|--|
| <b>General</b> | Common safety rules for work with paints and varnishes must be observed. Further information is available from our safety data sheet on <a href="http://www.gori.com">www.gori.com</a> . |
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## Disposal

Do not empty into drains or into the environment. Do not pour product waste 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.

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.

Iroko, Teak, Rubber wood 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. Then apply GORI 38 on a small test area. 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 down 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).

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*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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