



GORI 44 FACADES

Wood Stain

Translucent wood protection. Protects surface film against mould and fungi. Contains the 'Slow Release' technology, which allows the product to contain less chemicals compared to conventional wood protection products. The technology ensures im-proved UV-protection, longer lasting protection against mould and fungi and reduced risk of discoloration. See more about Slow Release on www.gori.com.



PRODUCT DESCRIPTION

Where to use	Use on all types of exterior wood and materials derived from wood.
Form supplied	Ready to use.
Substrate	The surface must be clean, dry, and solid. If desired, clean with PPG Wood Cleaner. At the time of treatment, the wood moisture content should not be above 18%.
Pre-treatment/ Systems	<p><u>New wood</u>: Prepare substrate according to effective standards. If desired, you can apply 1-2 coats of a GORI wood preservative on all sides and joints of wood. Apply 1 coat of pigmented GORI 44. Apply 2 coats of pigmented GORI 88.</p> <p><u>Wood attacked by fungi/mould</u>: Prepare substrate according to effective standards. Sand, rough-grind, brush, and dust substrate until timber has "open pores" (remove all non-adhesive particles). If desired, apply 2-3 coats of a GORI wood preservative on all sides and joints of wood. Apply 1 coat of pigmented GORI 44. Apply 2 coats of pigmented GORI 88.</p> <p><u>Varnished & Painted Wood or Wood with Decayed Stain Coating</u>: Prepare according to effective standards. Sand, rough-grind, brush, and dust until timber has "open pores" (remove all non-adhesive particles). If desired, apply 2-3 coats of a GORI wood preservative on all sides and joints of wood. Apply 1 coat of pigmented GORI 44. Apply 2 coats of pigmented GORI 88.</p> <p><u>Renovation of previously treated wood</u>: Normally maintenance is required every 2-3 years depending on substrate condition. Prepare substrate according to effective standards. Sand, clean and dust substrate as required depending on substrate condition. Apply 1 coat of pigmented GORI 44.</p>

TECHNICAL DATA SHEET

10130DSC12X44 / #1554



Oily Wood = Exotic Wood: Use acetone or trichloro-ethylene to degrease substrate. Apply 1st coat with-out diluting or, in some cases, 1 first coat of GORI 88 diluted with white spirit (30%).

Hard acidic wood: (= Exotic, non-coniferous, resinous): Clean using a solvent, or scrape off exudates or resin excess.

Resinous woods: Apply fungicide treatment (anti-blueing) before applying finish. The acidic level of certain woods may alter finish durability (Western Red Cedar). The surface should be prepared according to "all rules of the art" applicable to such wood species, using "against the fibre or coarse grain" treatments (smoothing, sanding).

Iroko and Western Red Cedar: Please contact us.

Treatment

Read label and instruction before use. Stir before application and during application. Apply on dry, frost-free wood. Wood moisture must not exceed 18%. Wood must be clean and prepared according to effective standards. For optimal drying, temperatures above 5°C and relative humidity below 50% is needed. Apply 3 coats with brush or roller along wood grain. To ensure improved penetration and finish, sand with a 220-240 abrasive product between coats.

Maintenance

Inspect the surface regularly and repair with GORI 44 as required. Never use Clear as topcoat alone. When carrying out maintenance of trans-lucent colours, Clear can be mixed with toned colours 1:1 to avoid a darker shade of the wood, than the one originally applied.

If applied on wood glued through alkaline joints (phenolic adhesive etc.) exposed to humidity, there is a risk of soda migrating to the surface, which may cause a whitish efflorescence, when in contact with the GORI product. This risk applies to certain types of plywood used out-door. In this case, wash surfaces with a sponge as soon as efflorescence appears.

Application method

Apply with brush/roller. Immersion: contact our technical department. Avoid application in direct sunlight. Temperature must be above 5°C and rel. humidity below 80% during application and drying. Close can firmly after use. System durability presupposes adequate previous treatment.

Thinning

White spirit.

Cleaning of tools

White spirit.

TECHNICAL PRODUCT DESCRIPTION

Odour

Strong. Odourless after drying.

Coverage

10-12 m²/l, depending on the substrate. Coverage varies according to wood porosity, surface, wood species and cut structure and direction.

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Drying time	<u>Touch dry</u> : 3-5 hours. <u>Recoatable</u> : App. 12-24 hours. (At 23°C and normal humidity (60%). Deviations may occur by changes in temperature, humidity, and thickness of coats.
Shelf life	5 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	GORI 44 is a solvent based, weather and water-resistant wood protection for outdoor use. It is resistant to fungal growth and enhances the natural structure of wood with a matt, translucent finish.
Density	0.9-0.95 g/m ³ .
Flash point	63°C.
Solid content	24.5-25.0 vol. %.
Viscosity	Thin/liquid.
Gloss	Matt. Depends on no. of layers.

COMPOSITION

Binder	Alkyd resin.
Solvent	Aliphatic hydrocarbons/white spirit.
Pigments	Organic and inorganic.
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 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).

TECHNICAL DATA SHEET

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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 final 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 44 on a small test area. 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 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.

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.

PPG Coatings Danmark A/S
Gladsaxevej 300
DK-2860 Søborg
Tel: +45 39 57 93 00
www.gori.com