

TECHNICAL DATA SHEET

10130DSC13X91 / July 2019 / # 2249 / LSC

GORI 91



PRODUCT DESCRIPTION

Product type	Acrylic dispersion for wood.
Special qualities	Long term protection against water penetration. Decorative and weather proof. Forms a hard-wearing, elastic film. Good hiding power. Lasts up to 12 years. Tested according to DIN/EN 71, article 3. <u>Safe to use on children's toys, when dry.</u> For more information and test certificate see www.gori.com .
Where to use	All types of exterior and interior wood. Can also be used on pre-treated aluminium, galvanised and primed steels surfaces, and UPVC surfaces.
Form supplied	Ready to use
Substrate	The surface must be clean, dry and solid.
Pre-treatment	<u>Exterior wood:</u> <i>Untreated soft wood:</i> 1 coat of preservative (GORI 11 or GORI 22). <i>Hardwood:</i> no pre-treatment needed. <i>Interior wood:</i> no pre-treatment needed. <i>Oak and red cedar in light shades:</i> we recommend pre-treatment wit GORI 11 or GORI 22.
Treatment	Read label and instruction before using the product. Stir product well before use. Apply 2-3 coats of GORI 91. Close can firmly after use.
Maintenance	Sand down badly weathered surfaces to sound wood. Remove oil, grease and loose particles and apply 1-2 coats of GORI 91.
Application method	Apply with brush or roller. 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.
General	Mix different batches in order to avoid variations in colour and gloss.

TECHNICAL PRODUCT DESCRIPTION

Odour	Weak.
Coverage	App. 10 m ² /l – depending on the state of the substrate.
Drying time	Drying time varies depending on amount of product absorbed and ventilation conditions. <u>Touch dry</u> : app. 1 hour. <u>Recoat</u> able: app. 12 hours. <u>Fully</u> cured: app. 48 hours. Wait 48 hours before closing coated window frames. 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

Specific gravity	App. 1.2 kg/l.
Flash point	-
Viscosity	App. 55-65 Emilia 1.
Solid content	31-46 W/W%, depending on colour.
Gloss	Silky.
Classification	EN71, Part 3 (download EN71, Part 3 Certificate)

COMPOSITION

Binder	100% acrylate.
Pigments	Organic and inorganic pigments.
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. Do not pour product waste 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. Please 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 such movement and therefore a maximum of 18 % humidity is the limit for applying treatment.

Iroko, Teak, Rubberwood and other wood species contain "oil", which may delay drying and thereby give an uneven surface after application. 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.

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.