

	Product Code:	13079
	Product Name:	GORI 79
	Recommended for:	EXTERIOR WOOD
	Available sizes:	0.75 L - 2.50 L - 5.00 L - 20.00 L - 200.00 L



<i>Surface fungicide</i>	<i>Double anti UV protection</i>	<i>Coverage: 12-15 m² /l</i>	<i>Clean tools with soap and water</i>
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1. Product Description

1.1	Product Type:	Waterborne, transparent wood finish, based on new acrylic technology.
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1.2	Manufacturer:	Dyrup A/S - Gladsaxevej 300 - 2860 - Søborg - Denmark Phone: +45 39 57 93 00 - www.dyrup.com
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1.3	Where to use:	On all wooden substrates and species in system with a primer. Not recommended for horizontal surfaces - e.g., terraces, banisters etc.
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1.4	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.
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1.5	Colour Range:	• 9900 Clear
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1.6	Form Supplied:	Ready to use.
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1.7	Test Reports / Certificates:	Not available.
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2. Composition

2.1	Solvents:	Water.
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2.2	VOC-content:	EU limit value for this product Cat. A(e): 150 g/l (2007) / 130 g/l (2010). This product contains max. 10 g/l VOC.
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2.3	Binder:	Acrylic
2.4	Active Ingredients:	IPBC + Terbutrin.
2.4	Additives:	Organic UV-absorbers.
3. Technical Data		
3.1	Viscosity:	Non drip.
3.2	Specific Gravity:	Approx. 1-1.1 kg/l.
3.3	Solid Content:	Above 30 V/V%
3.4	Odour:	Low.
3.5	Gloss:	Semi gloss. 40-50 at a 60° angle.
3.6	Coverage:	12-15 m ² per litre - depending on the substrate
3.7	Dry Film Thickness:	Minimum 75 microns dry film thickness (3 coats).
3.8	Drying Time:	<i>Dust dry</i> : Approx: 1 hour. <i>Recoatable</i> : Approx. 4 hours. <i>Complete timber drying</i> : Approx. 48 hours. Measured at 23°C and standard humidity (60%).
3.9	Weather Resistance:	Very good.
3.10	UV-Resistance:	Very good.
3.11	Biocidal Effect:	Film protects against mould and algae.
3.12	Durability:	Depending on construction and climatic conditions, 2-5 years may be expected. The durability stated is based on that you follow the application-, maintenance- and renovation instructions.
3.13	Storage:	Store frost-free.
3.14	Shelf Life:	3 years in unopened containers.

4. Surface & Preparation

4.1 **In General:** 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.

4.2 **Substrate Conditions:** The surface must be dry, clean and solid.

4.4 **Thinning:** Do not thin.

5. Treatment

5.1 **Application Method:** Apply by brush.

5.2 **Treatment:** One coat of GORI 22 and 3 coats of GORI 79 to obtain a minimum dry film thickness of 75 microns. Pine, spruce and larch : 1 x GORI 22 + 3 x GORI 79. Teak, mahogany, cedar and oak : 3 x GORI 79. Other wood species : On some tropical wood species, certain wood extractives can prolong the drying time. Therefore 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.

5.3 **Cleaning of Tools:** Soap and water.

5.4 **General Recommendations:** 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.

5.5 **Maintenance:** The treated wood must be inspected at least once per year. All damages must be renovated immediately up to full system. In general the surface should be kept clean. Every 2nd year we recommend (after repair of damages) that you apply one coat of GORI 79 in order to prolong the durability and prevent future damage.

5.6	Renovation:	<i>Small areas</i> : 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). <i>Large areas</i> : The same procedure as for the smaller areas, but in general we recommend a total renovation.
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5.7	Total Renovation:	If total renovation is required, we do recommend that the colourless system be used again. In stead a coloured transparent wood stain or opaque wood stain should be applied.
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6. Safety Precautions

6.1	In General	Common safety rules for work with paints must be observed. Further information is available from our Material Safety Data Sheet.
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6.2	Safety Instructions:	<ul style="list-style-type: none">• Contains substitutes of Hydroxyphenylbenzotriazole, Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl-(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate• Harmful to aquatic organisms• May cause long-term adverse effects in the aquatic environment• May produce an allergic reaction• Avoid release to the environment• Refer to special instructions/safety data sheet
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7. Disposal

7.1	Disposal:	Do not empty into drains or into the environment. Product waste must not be poured into the sewers, water reserves or soil.
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The purpose of this Technical Safety Datasheet is to inform our clients about the product's properties and characteristics. This information is based on tests made under conditions of use complying with effective standards. Our recommendations are given merely as an indication and do not replace specific recommendations related to the type and status of the work and timber to be treated. Before applying the product, clients should check for any updates of this Technical Data Sheet, and should bear in mind the new information provided, if any. This Technical Datasheet replaces all previous versions.