



**BORI®**

**Coatings for wood**

# HELIOS — YOUR WORLD, OUR PAINTS



Colour plays an important role in our life. With colour design, moods and atmospheres can be created, which can influence the well-being. At the same time colours and paints fulfill also technical features. At HELIOS we strive for continuous developments following the world's newest trends in architectural coatings. In the process of constant formulation upgrades of our high-quality coatings, we are particularly focused on accelerating the elimination of environmentally harmful substances, and the introduction of new ones that will be nature- and human-friendly. By doing so, we also develop brand new products which consistently respect the most strict ecological standards and recommendations.

HELIOS is one of the most successful brands in the field of architectural coatings and has throughout the years developed to be a full-range partner to paint and decorate every surface – wall, facade, concrete, metal, plastic, wood and parquet. The brand offers specific products for end customers, but also for professional users. The four subbrands (SPEKTRA, BORI, TESSAROL and IDEAL) fill the needs of consumers inside and outside their homes.

## BORI

### IMPREGNATION WITH BIOCID W

Protection of wood against blue stain, mould, wood fungi and insects



- Good penetration
- Easy application

#### Where do we use it?

**BORI impregnation with biocide W** is used for the impregnation of outdoor wood (windows, doors, roofings, panellings, pergolas, fences, garden furniture) and in damp interior rooms (bathrooms, kitchens, cellars).

Do not use it for the protection of wood in bedrooms, or in closed spaces where you spend a lot of time, except on smaller areas (e.g. windows, doors, and similar).

#### Instructions for use

Mix **BORI impregnation with biocide W** well before use and apply onto a clean and dry surface in the indicated amount. The recommended humidity of wood is 15 % for coniferous trees, and 12 % for deciduous trees. Always use the impregnation in combination with a woodstain or enamel. We recommend using **BORI impregnation with biocide W** at an air temperature above 8 °C and air humidity under 80 %. When work is completed, clean the tools with **TESSAROL thinner**.

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**Application:** brush, roller, dipping

**Drying time:** 24 hours before the following coat (under normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 1–3

**Thinning:** not to be thinned

**Consumption:** 1 l covers 6–7 m<sup>2</sup> of surface in 1 coat

**Packaging:** 0.75 l / 2.5 l

**Colour shades:** colourless

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# BORI

## THIN-LAYER WOODSTAIN

Independent product for decorative and deep protection of wood



- With added natural oil
- Transparent coating, which penetrates deep into the wood
- Elasticity – the protective film does not crack or peel off
- Easy application

### Where do we use it?

**BORI thin-layer woodstain** is used as intermediate or top coating in system protection and decoration of wooden surfaces indoors and outdoors (panellings, wall claddings and ceilings, fences etc.).

### Instructions for use

Mix **BORI thin-layer woodstain** well before use and apply onto a clean and dry surface. All wood that is exposed to moisture and sunlight is to be protected with **BORI impregnation with biocide W** prior to the application of **BORI thin-layer woodstain**. To achieve a more beautiful appearance of the surface, slightly sand and then wipe the surface in order to remove dust particles prior to the application of the following layer. When work is completed, clean the tools with **TESSAROL thinner**.

The colour shades on the leaflet are of an informative nature.





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**Application:** brush, roller

**Drying time:** 6–10 hours before the following coat (under normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 1–3

**Thinning:** not to be thinned

**Consumption:** 1 l covers 10–12 m<sup>2</sup> of surface in 1 coat

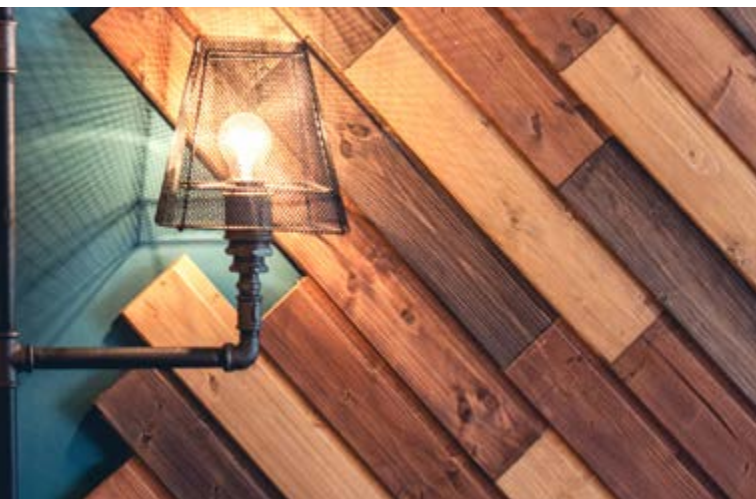
**Packaging:** 0.75 l / 2.5 l / 5 l

**Colour shades:** 12 standard shades. Different colour shades of **BORI thin-layered woodstain** can be mixed as desired in order to create the perfect shade.

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## Coating system

Substrate		Substrate preparation	Impregnation	Top coat
New wood	outdoors	sanding removing impurities	1 × BORI impregnation with biocide W	3 × BORI thin-layer woodstain
	outdoors – very exposed wood		1 × BORI impregnation with biocide W	
	outdoors – less exposed wood		/	
	indoors	sanding removing impurities	/	2–3 × BORI thin-layer woodstain
	indoors-humid spaces		1 × BORI impregnation with biocide W	
Old coatings	outdoors	cleaning, sanding and removing damaged coatings	/	1–2 × BORI thin-layer woodstain
	indoors		/	



# BORI

## HIGH-LAYER WOODSTAIN

Long-term protection of wood against external effects



- Contains waxes which increase the water repellency of the coating
- Rich, silky coating film appearance
- For dimensionally stable wood
- Elasticity – the protective film does not crack or peel off
- Wide range of colour shades

### Where do we use it?

**BORI high-layer woodstain** is intended for the decoration and protection of wood indoors and outdoors. Its characteristics allow widespread use for treating surfaces, such as windows, doors, blinds, shutters, fences, claddings, log cabins, garden houses, garden furniture, etc.

### Instructions for use

Mix **BORI high-layer woodstain** well before use and apply onto a clean and dry surface. To achieve a more beautiful appearance of the surface, remove dust particles prior to the application of the following layer by slightly sanding and then wiping the surface. For more weather-exposed surfaces and wood products that are exposed to moisture, before applying **BORI high-layer woodstain**, we recommend prior impregnation of the surface of **BORI impregnation with biocide W**. When work is completed, clean the tools with **TESSAROL thinner**.



**Application:** brush, roller

**Drying time:** 24 hours before the following coat (under normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 1–2

**Thinning:** not to be thinned

**Consumption:** 1 l covers 16–20 m<sup>2</sup> of surface in 1 coat

**Packaging:** standard colour shades: 0.75 l / 2.5 l / 5 l;  
**HGMIX:** 0.75 l / 2.5 l

**Colour shades:** 12 standard shades. Different colour shades of **BORI high-layer woodstain** can be mixed as desired in order to create the perfect shade. For the 0.75 l and 2.5 l packaging units, additional colour shades can also be obtained by mixing on the **HGMIX** system.

## Coating system

Substrate		Substrate preparation	Impregnation		Top coat
New wood	outdoors	sanding removing impurities	1 × BORI impregnation with biocide W	/	2 × BORI high-layer woodstain
	outdoors – very exposed wood		1 × BORI impregnation with biocide W	1 × BORI thin-layer woodstain	
	outdoors – less exposed wood		/	1 × BORI thin-layer woodstain	
	indoors	sanding removing impurities	/	/	1–2 × BORI high-layer woodstain
	indoors-humid spaces		1 × BORI impregnation with biocide W	/	
Old coatings	outdoors	cleaning, sanding and removing damaged coatings	/	/	1–2 × BORI high-layer woodstain
	indoors		/	/	

# BORI

## HIGH-LAYER WOODSTAIN

### UV EXTRA

Long-term colourless protection of light wood, which preserves the natural colour shade



- Protection of wood from the effects of the sun
- Contains a special UV additive which prevents the wood from turning grey
- Rich, silky coating film appearance
- Contains waxes, which increase the water repellency of the coating
- Elasticity – the protective film does not crack or peel off

### Where do we use it?

**BORI high-layer woodstain UV extra** is intended for the colourless decoration and protection of wood indoors and especially outdoors. Its specific composition allows excellent colorless wood protection from the weather. It is suitable for surfaces, such as windows, doors, blinds, shutters, fences, claddings, log cabins, garden houses, garden furniture, etc...

### Instructions for use

Mix **BORI high-layer woodstain UV extra** well before use and apply onto a clean and dry surface. To achieve a more beautiful appearance of the surface, remove dust particles prior to the application of the following layer by slightly sanding and then wiping the surface. Before applying the first layer onto wood that is outdoors or in a damp indoor space, we recommend the use of **BORI impregnation with biocide W**. When finished, clean the tools with **TESSAROL thinner**.



**Application:** brush, roller

**Drying time:** 24 hours before the following coat (under normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 1–3

**Thinning:** not to be thinned

**Consumption:** 1 l covers 12–14 m<sup>2</sup> of surface in 1 coat

**Packaging:** 0.75 l / 2.5 l

**Colour shades:** colourless

Coating system

Substrate		Substrate preparation	Primer	Top coat
New wood	outdoors	sanding removing impurities	1 × BORI impregnation with biocide W	3 × BORI high-layer woodstain UV extra
	indoors	sanding, removing impurities	/	1–2 × BORI high-layer woodstain UV extra
	indoors-humid spaces		1 × BORI impregnation with biocide W	
Old coatings	outdoors	cleaning and sanding and removing damaged coatings	/	1–2 × BORI high-layer woodstain UV extra
	indoors			



# BORI

## WOODSTAIN 3 in 1

Universal woodstain for the decoration and protection of exterior wooden surfaces



- A film finish with a silky appearance
- Preventive protection of wood against mould
- Contains waxes which increase the water resistance of the coating
- Protection of wood from the sun and other effects of weathering
- Elasticity – the protective film does not crack or peel off
- Easy application

### Where do we use it?

**BORI woodstain 3 in 1** is designed for the decoration and protection of exterior wood, offering excellent protection against the sun and other effects of weathering. It is suitable for surfaces such as windows, doors, blinds, shutters, fences, coverings, log cabins, garden sheds and furniture etc.

### Instructions for use

Mix **BORI woodstain 3 in 1** well before use and apply onto a clean and dry surface. To achieve a more beautiful appearance of the surface, remove dust particles prior to the application of the following layer by slightly sanding and then wiping the surface. When work is completed, clean the tools with **TESSAROL thinner**.



**Application:** brush, roller

**Drying time:** dry to touch 7 hours, next coat after 24 hours  
(in normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 2–3

**Thinning:** not to be thinned

**Consumption:** 1 l covers 16–20 m<sup>2</sup> of surface in 1 coat

**Packaging:** standard colour shades: 0.75 l / 2.5 l

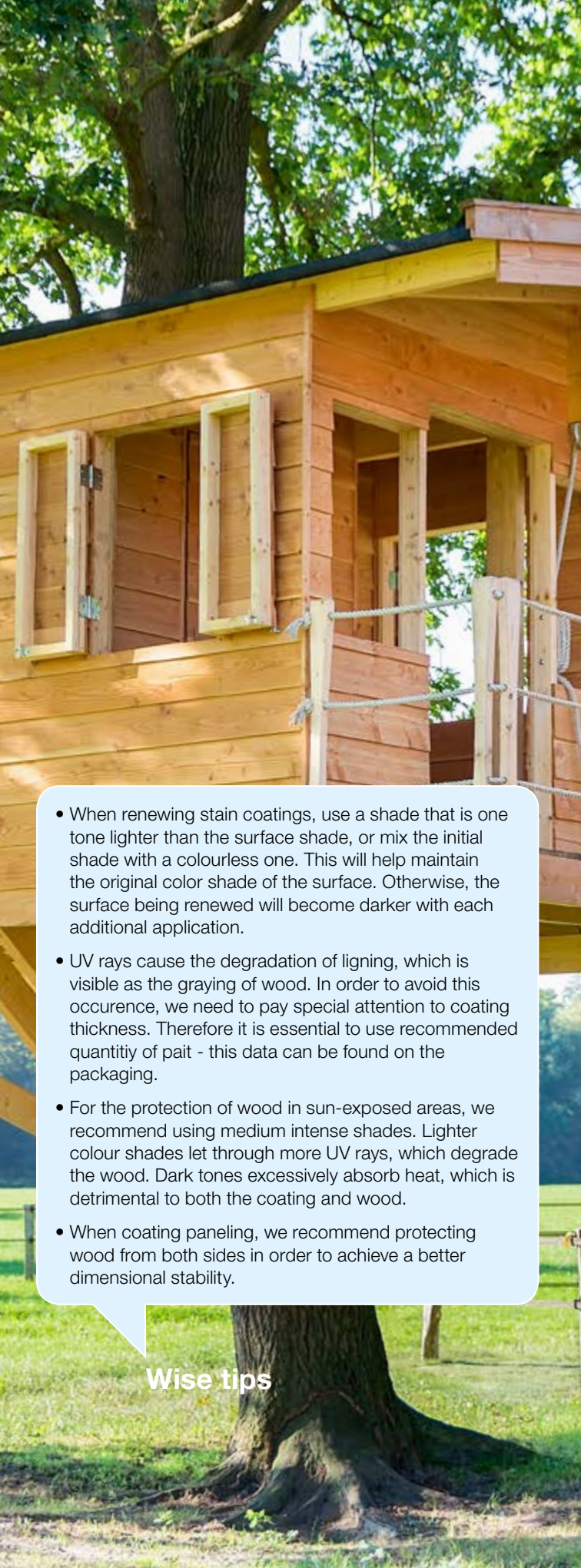
**Colour shades:** 14 standard colour shades. Different colour shades of **BORI Woodstain 3 in 1** can be mixed as desired in order to create the perfect shade.

Coating system

Substrate		Substrate Preparation	Impregnation	Top coat
New wood	outdoors	sanding, removal of impurities	1 × <b>BORI</b> impregnation with biocide W	2 × <b>BORI</b> woodstain 3 in 1
	outdoors – very exposed wood			3 × <b>BORI</b> woodstain 3 in 1
	outdoors – less exposed wood			2 × <b>BORI</b> woodstain 3 in 1
Old coatings	outdoors	cleaning, sanding and removing damaged coatings	/	1–2 × <b>BORI</b> woodstain 3 in 1





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- When renewing stain coatings, use a shade that is one tone lighter than the surface shade, or mix the initial shade with a colourless one. This will help maintain the original color shade of the surface. Otherwise, the surface being renewed will become darker with each additional application.
  - UV rays cause the degradation of ligning, which is visible as the graying of wood. In order to avoid this occurence, we need to pay special attention to coating thickness. Therefore it is essential to use recommended quantity of pait - this data can be found on the packaging.
  - For the protection of wood in sun-exposed areas, we recommend using medium intense shades. Lighter colour shades let through more UV rays, which degrade the wood. Dark tones excessively absorb heat, which is detrimental to both the coating and wood.
  - When coating paneling, we recommend protecting wood from both sides in order to achieve a better dimensional stability.

**Wise tips**



## BORI

# AQUA IMPREGNATION WITH BIOCIDES

A water-based protection of wood from blue stains, mould, wood fungus and insects



- Good penetration
- Easy application

## Where do we use it?

**BORI Aqua impregnation with biocides** is used for the impregnation of outdoor wood (roofings, overhangs, fences, garden houses) and in damp interior rooms (bathrooms, kitchens, cellars). Do not use it for the protection of wood in bedrooms, or in closed spaces where you spend a lot of time, except on smaller areas (e.g. windows, doors, and similar).

## Instructions for use

Mix **BORI Aqua impregnation with biocides** well before use and apply onto a clean and dry surface in the indicated amount. The recommended humidity of wood is 15 % for coniferous trees, and 12 % for deciduous trees. Always use **BORI Aqua impregnation with biocides** in combination with a woodstain or enamel. We recommend using **BORI Aqua impregnation with biocides** at an air temperature above 8 °C and air humidity under 80 %. Clean tools with water after use. Product must not freeze.

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**Application:** brush, roller, dipping

**Drying time:** 12 hours before the following coat (under normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 1

**Thinning:** not to be thinned

**Consumption:** 1 l covers 8–9 m<sup>2</sup> of surface in 1 coat

**Packaging:** 0.75 l / 5 l

**Colour shades:** colourless

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# BORI

## WOODSTAIN

Transparent and environmentally friendly water-based coating which preserves the natural appearance of wood



- Quick drying (application of next coat already after 3–4 hours)
- No unpleasant odour
- Contains waxes which increase the water resistance of the coating
- For dimensionally stable wood
- Satin coating film
- Wide range of colour shades

### Where do we use it?

**BORI woodstain** is intended for the decoration and protection of wood indoors and outdoors. Because the coating does not have an unpleasant odor and dries quickly, it is especially recommended for coating wood indoors. It is suitable for treating surfaces such as joinery, fences, paneling, pergolas, garden furniture, log cabins, garden houses, etc.

### Instructions for use

Mix **BORI woodstain** well before use and apply onto a clean and dry surface. To achieve a more beautiful appearance of the surface, remove dust particles prior to the application of the following layer by slightly sanding and then wiping the surface. Before applying the first layer onto wood that is outdoors or in a damp indoor space, we recommend the use of **BORI Aqua impregnation with biocides**. When working with **BORI woodstain**, we recommend an air temperature of over 8 °C and an air humidity of under 80 %. Clean tools with water after use. Product must not freeze.



**Application:** brush, roller, spraying

**Drying time:** 3–4 hours before the following coat (under normal conditions: 20 °C, rel. hum.: 65 %)

**Number of coats:** 1–2

**Thinning:** with water up to 10 %

**Consumption:** 1 l covers 14 – 16 m<sup>2</sup> of surface in 1 coat

**Packaging:** standard colour shades: 0.75 l / 2.5 l;


**HGMIX:** 0.75 l / 2.5 l

**Colour shades:** 9 standard shades and 75 colour shades that you can choose based on your own taste at stores with the **HGMIX** system. Different colour shades of **BORI woodstain** can be mixed as desired in order to create the perfect shade.

## Coating system

Substrate		Substrate preparation	Primer	Top coat
New wood	outdoors	Sanding removing impurities	1 × <b>BORI Aqua impregnation with biocides</b>	2 × <b>BORI woodstain</b>
	indoors		/	1–2 × <b>BORI woodstain</b>
	indoors – humid spaces		1 × <b>BORI Aqua impregnation with biocides</b>	1–2 × <b>BORI woodstain</b>
Old coatings	outdoors	cleaning and sanding and removing damaged coatings	/	1–2 × <b>BORI woodstain</b>
	indoors			



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