



BORI stain UV PROTECTION

USE

For protection and decoration of wood in the interior and exterior: building joinery, panellings, pergolas, garden sets, timber houses, harden houses...

CHARACTERISIRICS

- transparent coating, which keeps the natural appearance of wood
- excellent protection against sun and other weather influences
- wax content, which increases coating's water repulsion
- dimensional stability
- satin coating film
- eco friendly, without unpleasant odour
- wide spectrum of colour shades

TECHNICAL DATA	
COMPOSITION	acrylic dispersion, water, transparent pigments
COLOUR SHADES	12 colour shades , over 75 colour shades according to colour base HELIOMIX
TINTING	mutual mixing of standard colour shades, HELIOMIX
GLOSS	Silky gloss
THICKNESS	1,03 g / ml
THINNING	water
EU VOC category and limits	IIA(e), 130 g/l (2010); the product contains: max. 80 g/l, base max. 95 g/l.
PACKAGING UNITS	standard colour shades: 0,75 l, 2,5 ; HELIOMIX : 1l
SHELF LIFE	The shelf life of the originally sealed and suitably packed product (at the temperature from +5°C to +35°C, dry room) is at least until the date indicated on the packaging. IT SHOULD NOT FREEZE!

INSTRUCTIONS FOR USE				
APPLICATION	thinning	viscosity (DIN 4 mm)	nozzle	pressure
brush, roller	if necessary			
Spraying	5 - 10 %	approx. 50 s	1,2 - 1,5 mm	2 - 3 bar
WORKING CONDITIONS	Temperature of paint, air and object min. +8°C			
DRYING (T = +20°C, rel. humidity 65%)	Powder dry approx. 30 min, dry to touch 1 hour, next coat after 3 - 4 hours At lower temperature and higher relative humidity drying time will prolong.			
COVERAGE	theoretically: 10 - 12 m ² with 1l in one coat. Practical consumption depends on treatment, types of wood and application.			
CLEANING OF TOOLS	Immediately after use with water, dried paint with NITRO thinner			

PREPARATION OF SURFACE

New wood

Humidity with coniferous trees should not exceed 15%, with deciduous trees 12%.

Sand dry surface and clean it, remove with **NITRO thinner** waxes, resins and grease.

Renovation of old coatings

Clean and sand undamaged coatings, remove damaged coatings completely.

COATING SYSTEMS

SURFACE		SURFACE PREPARATION	IMPREGNATION	TOP/FINAL COATING
NEW WOOD	exterior	sanding, removal of impurities	1x BORI impregnation	2x BORI stain UV PROTECTION
	interior		/	1 - 2x BORI stain UV PROTECTION
	interior - damp rooms		1x BORI impregnation	1 - 2x BORI stain UV PROTECTION
OLD COATINGS	exterior	cleaning and sanding, removal of damaged coats	/	1 - 2x BORI I stain UV PROTECTION
	interior	coats	/	1 - 2x BORI stain UV PROTECTION



REMARKS AND SPECIFICS

- At working temperature lower than + 8°C coating film will not be built.
- Due to a large influence of wood type to final colour shade, we recommend test on small part.
- At the renovation of old coatings we choose a lighter colour shade from the previously used or we mix the original colour shade with a colourless one. Number of coats has influence on the colour shade – each coat makes the colour shade darker.
- Lighter colour shades let a lot of ultraviolet rays through, which decompose lignin in wood, therefore colourless **BORI stain UV PROTECTION** is not suitable as independent wood coating for exterior.
- At work we use a brush made of synthetic fibres with split ends, which enables better sagging or roller made of synthetic materials, which absorbs no water and stain flows nicer on the surface.
- At painting of wood, which contains water soluble, painted substances (oak, chestnut, coniferous trees...), surface may get yellow after some time (most evident at white colour shade).