

biopin® | Weather

Product No: 04

Exterior Wood Stain

General Product Description

Product Description	bio pin Exterior Wood Stain is a tinted or transparent exterior wood stain for a lasting finish which does not fill the wood grain. The bio pin Exterior Wood Stain penetrates surfaces extremely well and has a high water and weather resistance. The finish is of lasting flexibility and does not tend to brittle. It is therefore very suitable for refurbishments. If properly applied it achieves very good UV-light protection. The transparent wood stain gives only limited UV protection. It is recommended for restoration work (where there is sufficient pigmentation of the original coat) and for interior doors and windows as well as exterior areas which are not exposed to direct sunlight.
Areas of application	bio pin Exterior Wood Stain can be used for exterior hard and softwoods (eg log cabins, wall panels, toys, timer frame) as well as for exterior and interior covering of doors and windows.
Constituents	Binding agent: cooked mix of castor oil, linseed oil, wood oil, modified colophony Solvent: essential citrus oil Pigments: earth and mineral pigments. Additives: silicic acid, soy lecithin, lead and barium-free drying agent.
Colours	Transparent no. 0441 –pine no. 0442– nut wood no. 0445 – jacaranda no 0446 – light oak no. 0438.
Storage	Keep tightly closed and out of the reach of children. Store in cool but frost-free conditions.
Shelf-life	A minimum of 2 years if tin is kept firmly closed
Can sizes	0.75 l, 2.5 l, 10 l(depending on colour)
Class of risks	VbF A II (flammable)

Technical Data

Specific weight	Approx. 0.91-0.95 g/ml.(depending on colour)
Viscosity	Approx. 23 secs. (DIN-size beaker 4 mm) at 20°C.
Flash point	Approx. 46°C
Coverage	75-90 ml/sq metre per coat depending on the composition of the surface and the absorption properties.
Drying time	75-90 ml/sq metre per coat depending on the composition of the surface and the absorption properties.

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How to use

Suitable surfaces	Wood
Surface requirements	The surface must be dry and free of dust and grease.
Application	Evenly brush or spray on thin layer of bio pin Exterior Wood Stain. Only use if temperature is above 8°C. Stir or shake well before use.
Thinner	The oil comes ready for use. If necessary use bio pin Thinner.
Preparation	Rub tropical and extremely resinous woods with bio pin Thinner. Cut or burn out resin ducts. Highly porous woods should be pre-treated with bio pin Natural Impregnating Oil. Impregnated exterior materials such as doors and windows etc which have not been treated against blue-stain fungus (wood dis-colouring fungus) with blue-stain impregnating agent prior to applying product.
Finishing coat	For perfect UV protection coat exterior woods 2 times and 3 times on areas exposed to the weather.
Restoration	Check old finish and remove all loose, flaking and brittle paint. Then treat as for new finish. Clean and lightly sand intact finish. Depending on wear apply 1-2 undiluted layers of bio pin Wood Stain.
Cleaning of tools	Clean all tools immediately after use with bio pin Thinner.
Safety advice	Keep tightly closed and out of the reach of children. This product contains essential citrus oil. This product must not be swallowed. In rare cases direct contact with the oil can lead to irritation of the skin and allergic reactions. Keep workplace well ventilated. In certain circumstances drying oils may self-ignite. Cloths used during application of Exterior Wood Stain must not be crumpled but should be spread out and dried in fresh air or soaked in water before disposal.
Disposal of product	Do not empty into drains. Completely dried product remnants can be disposed of in the normal way. Empty tins can be recycled.