

Product No: 36

Door and Window Stain

General Product Description

Product description	bio pin Door and Window Wood Stain is a stain which comes in tinted and transparent forms giving a lasting finish which does not fill the wood grain. It can be applied to wooden doors and windows. The wood stain has good penetration and has 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. Therefore it is recommended for restoration work (where there is sufficient pigmentation of the original coat) and for interior doors and windows.
Areas of application	bio pin Door and Window Wood Stain can be used for interior and exterior doors and windows. It is also suitable for garden furniture, and exterior lathed walls etc.
Constituents	Binding agent: cooked mix of castor oil, linseed 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. 3641 – pine no. 3642 – nut wood no. 3645 – jacaranda no. 3646 – light oak no. 3638.
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.
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 composition of surface and porosity of material.
Drying time	Dust-free after approx. 3-5 hrs at 20°C and average humidity. Recoatable after approx. 12-24 hrs.
How to use	
Suitable surfaces	Wood
Surface requirements	The surface must be dry and free of dust and grease.
Application	Evenly brush or spray thin layer of wood stain. Only use if temperature is above 8°C. Stir well before use.
Thinner	The door and window wood stain comes ready for use. If necessary use bio pin Thinner.

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Preparation	Buff tropical and extremely resinous woods with bio pin Thinner. Cut or burn out resin ducts. If required impregnate exterior wood against blue-stain fungus prior to applying wood stain.
Intermediate	1 layer of door and window wood stain. For perfect UV protection of exterior wood and on sides exposed to the weather, apply 2 layers of door and window wood stain.
Finishing coat	One layer of door and window wood stain.
Restoration	Check old finish and remove all loose, flaking and brittle paint. Then treat as for new finish. Clean and – if necessary - sand intact coats. Depending on wear apply 1-2 coats of door and window wood stain.
Cleaning of tools	Clean all tools immediately 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 product 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 hard oil must not be crumpled but should be spread out and dried in fresh air or soaked in water before disposal. Abrasive dust from sanding must be disposed of separately.
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.