

biopin® | Floors

Product No: 30

Floor varnish

General Product Description

Product Description	bio pin Floor Varnish is glossy, solvent-free clear interior varnish providing excellent protection. It forms a water repellent surface which thoroughly protects the wood against abrasion damage. Due to its high content of vegetable oils bio pin Floor Varnish penetrates deep into the wood and has excellent adhesion and lasting elasticity.
Areas of application	bio pin Floor Varnish seals all wooden surfaces with heavy wear. Can be used for all interior wood surfaces, such as wooden floors. Also works well on cork floors. Dense woods such as oak, chestnut and some tropical woods as well as softeners of adhesives in eg cork, veneer and OSB may increase drying time and change the colour of the surface. Test sample area first.
Constituents	Binding agent: cooked mix of linseed oil, wood oil and modified colophony, castor oil Solvent: water Additives: vegetable-based emulsifier, silica, drying agent without lead and barium and stabilizers.
Colours	Transparent. Milky when liquid, clear when dry.
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 kept firmly closed.
Cabn sizes	0.75 l, 2.5 l
Class of risks	Does not apply.

Technical Data

Specific weight	Approx. 0.99 g/ml
Viscosity	Approx. 25-30 secs. (DIN-size beaker 4 mm) at 20°C
Flash point	Does not apply as above 250°C.
Coverage	80-90 ml/sq metre for one coat on a surface with average absorption properties.
Drying time	Dust-free after approx. 3-5 hrs at 20°C and average humidity. Second coat can be applied after approx. 12-24 hrs. Avoid putting too much pressure on surfaces immediately after treatment. Dries to full hardness after a couple of days.

How to use

Suitable Surfaces	Wood, wooden construction materials and cork. Please also note the instructions under 'Areas of application'.
Surface requirements	The surface must be dry and free of dust and grease.
Application	Paint, spray or roll onto surface. Only use if temperature is above 10°C. Carefully remove sand dust from wood grain. Stir bio pin Floor Varnish well before applying thin and even layer. Work quickly as varnish dries quickly. Leave each layer to dry and sand with fine graded sandpaper .
Thinner	The floor varnish comes ready for use. If necessary dilute with water.

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Preparation	Apply a thin layer of bio pin Floor Oil or bio pin Floor Varnish (Approx. 20% diluted with water). On cork floors application of a second thin coat may be necessary.
Finishing coat	2 coats of bio pin Floor Varnish.
Restoration	Clean and sand old, intact varnishes based on natural resins. De-wax waxed floors with solvent (eg bio pin Thinner) and sand de-waxed floor. Sand unknown floor coatings and try bio pin Floor Varnish in hidden area. Apply 1-3 layers of Floor Varnish. Completely remove any flaking or otherwise damaged coatings and treat as untreated surface.
Cleaning of tools	Clean all tools immediately after use in soapy water. Rinse in clear water. Between use clean tools according to instructions or store in water.
Safety advice	Keep tightly closed and out of the reach of children. In certain circumstances drying oils may self-ignite. Cloths used during application of floor varnish should not be crumpled but must be spread out and dried in the open air or soaked in water before disposal.
Disposal of product	Do not empty into drains or spill on soil. Completely dried product remnants can be disposed of in the normal way. Empty tins can be recycled.
Maintenance and care	Avoid heavy wear on freshly varnished surfaces. Do not treat surfaces with abrasive cleaning agents.