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Product no. 18

Boiled Linseed Oil

General Product Description

Product description	bio pin Boiled Linseed Oil is a transparent, vacuum-heated and blown linseed-oil for indoor and outdoor applications. It penetrates right into the timber and forms an excellent basecoat for all metal, wood or stone surfaces thus improving the adhesion of the paint applied afterwards. It is water repellent, breathable and highlights the characteristic grain and colour of wooden surfaces.
Areas of application	bio pin Boiled Linseed Oil is the ultimate primer both indoors and outdoors. On metal and stone surfaces it is the ideal etch primer. It can also be used to make your own oil and artists paints. Do not use as primer or only coat on exterior surfaces of wooden construction materials (eg doors, windows) if the finish used for these surfaces does not fill the wood grain (glaze).
Constituents	Linseed oil, lead-free drying agent (Co/Zr drier)
Colours	Transparent
Storage	Keep tightly closed and out of the reach of children. Store in cool but frost-free and dry conditions.
Shelf-life	A minimum of 3 years if kept firmly closed
Can sizes	0.75 l, 2.5 l
Class of risk	Does not apply as not considered a hazardous material

Technical Data

Specific weight	Approx. 0.93 g/ml
Viscosity	Approx. 30 secs. (DIN-size beaker 4 mm) at 20 °C.
Flash point	Approx. 280 °C.
Coverage	70-80 ml/square metre if applied undiluted on a surface with average absorption properties.
Drying time	Second coat can be applied after approx. 18-24 hrs at 20°C and average humidity. Dry after 1-2 days if applied to non-porous surfaces. Low temperature, high humidity and wet surfaces slow down drying process.

How to use

Suitable surfaces	Untreated wood and wooden construction materials as well as stone and metal.
Surface requirements	The surface must be dry and free of dust and grease.
Application	Only use if temperature is above 8°C. Can be brushed, sprayed and dived/steeped onto surface.
Thinner	bio pin Thinner.
Preparation	Rub off resinous and tropical woods with bio pin Thinner, degrease untreated metal surfaces.

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Prime coat	Undiluted linseed oil can only be applied to extremely porous surfaces. For treatment with all other surfaces thin down with bio pin Thinner, eg 1:1 (semi oil), or in cases of surfaces with poor absorption properties 1:2 (skimmed oil). Evenly apply one to two thin layers of linseed oil on all wooden and stone surfaces. Remove any excess oil after 30 min. with piece of cloth (please note the safety advice!). Leave to dry well. Only apply one very thin coat on metal surfaces which do not need rust-proofing. Leave to dry well.
Further treatment	Interior wooden surfaces subject to low wear (eg ceilings) need no further treatment. Other surfaces may require further treatment with bio pin wax products, bio pin wood stain or bio pin varnish depending on the demands on the wood.
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. In certain circumstances drying oils may self-ignite. Cloths used during application of linseed oil must 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 product into sewers or onto open ground. Completely dried remnants of this product may be disposed of in the normal way. Empty tins can be recycled.

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Note The advice contained on this technical data sheet is the result of years of research and practical application. It is for information only and does not constitute a performance guarantee. Customers are advised to test the suitability of all products for their area of application. The manufacturer reserves all rights to change the mixture of this product for reasons of technological and ecological progress.

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