

biopin® | Weather

Product No: 33

Natural Universal Varnish

General Product Description

| | |
|-----------------------------|--|
| Product Description | bio pin Natural Universal Varnish is an excellent interior and exterior sealant. It forms a weather and water-proof surface with excellent abrasion resistance. The combination of various oils ensures good penetration and adhesion properties combined with lasting elasticity. Produces a glossy surface. |
| Areas of application | bio pin Natural Universal Varnish is an excellent sealant for surfaces with high wear and which are exposed to extreme weather. Can be applied to interior and exterior wood (eg flooring, furniture in damp rooms, garden furniture), cork floors, and various mineral materials (concrete floors and unglazed clay tiles). |
| Constituents | Binding agent: cooked mix of linseed oil, wood oil, modified colophony Solvent: essential citrus oil Additives: lead and barium-free drying agent |
| Colours | Transparent. |
| Storage | Keep tightly closed and out of the reach of children. Store in cool but frost-free conditions. |
| Shelf-life | A minimum of 3 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. 0.93g/ml |
| Viscosity | Approx. 40 secs. (DIN-size beaker 4 mm) at 20°C. |
| Flash point | Approx. 46°C |
| Coverage | 80-90 ml/sq metre per coat depending on composition of surface and absorption properties of the wood. |
| Drying time | Dust-free after approx. 4-6 hrs at 20°C and average humidity. Can be sanded after and recoated after 12-24 hrs. Final hardness achieved after a few weeks. |
| How to use | |
| Suitable surfaces | Hard and softwoods, cork, unglazed clay tiles as well as on concrete and finished floors. |
| Surface requirements | The surface must be dry and free of dust and grease as well as a suitable carrier. Mineral surfaces also should be chemically neutral. |
| Application | Evenly brush, spray or roll thin layer of bio pin Natural Universal Varnish onto surface. Only use if temperature is above 8°C. |

Natural Universal Varnish

| | |
|-----------------------------|--|
| Thinner | The varnish comes ready for use. If necessary use bio pin Thinner. |
| Preparation | Rub tropical and extremely resinous woods with bio pin Thinner. Remove concrete traces from clay tiles with acidic solution. Neutralize alkaline surfaces. |
| Prime Coat | Apply a layer of bio pin Natural Universal Varnish (20% diluted), bio pin Natural Impregnating Oil or bio pin Natural Hard Oil. Leave to dry and sand with fine grade sandpaper before applying second coat. |
| Intermediate Coat | Evenly apply 1 to 2 thin layers of bio pin Natural Universal Varnish. Leave each layer to dry. Sand before applying second coat. |
| Finishing coat | Evenly apply a thin layer of bio pin Natural Universal Varnish. |
| 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 Natural Universal Varnish. |
| 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 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 varnish 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 or onto soil. Completely dried product remnants can be disposed of in the normal way. Empty tins can be recycled. |
| Care and maintenance | Avoid putting too much pressure on surface immediately after treatment. Do not clean with abrasive cleaning agent. |