PRODUCT INFORMATION
POLYX®-OIL ORIGINAL

SPECIFICALLY GEARED TOWARDS THE NEEDS OF WOODEN FLOORING!

3011 Clear Glossy
3032 Clear Satin
3062 Clear Matt
3065 Clear Semi-matt
3040 White Satin
3044 Raw Matt
3067 Light Grey Satin
3071 Honey Satin
3072 Amber Satin
3073 Terra Satin
3074 Graphite Satin
3075 Black Satin





PRODUCT DESCRIPTION:

This wood coating uniquely combines the advantages of natural oils and waxes in one product. Osmo Polyx®-Oil Original is dirt-resistant, water-repellent and abrasion-resistant, and smoothens the surface. Compared to conventional wood coatings, the use of plant ingredients creates an even colour and a more harmonious appearance. Simple application – no primer or sanding between coats needed – this saves time and money. Suitable for wood; microporous surface will not crack, peel, flake or blister. Resistant to wine, beer, cola, coffee, tea, fruit juice, milk and water in accordance with German DIN 68861-1A/ EN 12720 – no water spots. The dry coating is safe for humans, animals and plants (resistant to saliva and perspiration acc. German DIN 53160, suitable for children's toys acc. EN 71.3). The dry coating fulfils the requirements for flammability class B2 (normally flammable) according to DIN 4102.

RECOMMENDED USE:

Osmo Polyx®-Oil Original is ideal for the protection of all wooden floors, such as solid wood, plank, strip, OSB and cork flooring, as well as stairs and furniture surfaces.

INGREDIENTS:

Binding agent based on natural plant oils (sunflower oil, soybean oil, thistle oil) and waxes, paraffin, iron oxide and organic pigments, titanium dioxide (white pigment), siccatives (drying agents) and water-repellent additives. Dearomatised white spirit (benzene-free). Detailed declaration of ingredients is available upon request.

TECHNICAL DATA:

Specific weight: 0.890-1.070 g/cm³ (DIN ISO 2811-2)
Viscosity: 95-210 mPas
Odour: faint/mild, odourless after drying
Flashpoint: >60°C (DIN EN ISO 2719)

STORAGE:

5 years or longer if stored in the originally closed container. If thickened by frost, store at room temperature for 24 hours prior to use.

SURFACE PREPARATION:

Wood surface must be clean, dry and frost-free (moisture content max. 18%). Osmo Polyx®-Oil is ready to use. Do not thin. Stir well before use. Clean old microporous stains thoroughly. Old paints, varnishes and lacquers must be completely removed. Always wear a dust mask during sanding works. Fill small cracks, larger joints or holes in wood (Wood Filler or Wood Putty). Sand wood surfaces carefully. Depending on wood species, begin with coarse sandpaper – final sanding work, clear: for flooring P100-120, for furniture P120-180. Final sanding work, coloured/Raw: for flooring for intense colour and more surefootedness at least grit P100. For a harmonious colour grit P120-150. For furniture grit P120-180. Before oiling the surface, remove sanding dust with a broom or vacuum cleaner.

The finished surface and the product coverage are influenced by several factors, including the condition of

Osmo Holz und Color GmbH & Co. KG | Affhüppen Esch 12, D-48231 Warendorf | Postfach 110161 | D-48203 Warendorf
Telefon +49 (0) 25 81 / 9 22-100 | Telefax +49 (0) 25 81 / 9 22-200 | info@osmo.de | **www.osmo.com**

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the wood. Therefore, a trial application is always required, especially for unfamiliar surfaces. All information concerning product coverage and all colour likenesses refer to Oak sanded with P120-P150 grit.

METHODS OF APPLICATION:

Thinly apply along the wood grain with Osmo Flat Brush (approx. 35ml/m²) for small areas or edges and corners of flooring, with a Floor Brush (approx. 35 ml/m²) for coloured Polyx®-Oil on flooring, Finish Application Fleece (approx. 25 ml/m²) for clear/coloured Polyx®-Oil, Osmo Microfibre Roller (approx. 35 ml/m²) for clear Polyx®-Oil on flooring and stairs or Osmo HandXcenter or FloorXcenter with a white pad (approx. 16 ml/m²) for coloured Polyx®-Oil on flooring and spread well. (Do not wipe with a cloth or similar after applying!) Leave to dry for approx. 8-10 (clear) and approx. 24 hours (coloured/ Raw). Ventilate well. If a surface in furniture quality is desired, the dried clear coat can be sanded (P240-360) between coats. Sand coloured coats maximum with a green or black pad. After drying, apply the second coat also thinly and quickly. For sufficient resistance for e.g. washstands and kitchen worktops according to DIN 68861-1A, apply 2x approx. 30-40 ml/m². Important: Apply maximum one coloured coat to flooring. (Not applicable for 3040 and 3044, see Notes.) When renovating an already oiled surface, one coat applied to the clean and dry surface is usually sufficient.

CLEANING OF TOOLS:

With Osmo Brush Cleaner (free of aromatic compounds).

DRYING TIME:

Approx. 8-10 h (clear) and approx. 24 h (coloured/Raw) under normal climatic conditions (20-23°C/50-65% rel. humidity). Ventilate well while drying. Lower temperatures and/or higher air humidity may increase drying times significantly.

COVERAGE:

Product coverage for 1 coat is 30 m²/l (see Methods of Application). It depends significantly on the character of the existing wood surface. All information refers to smooth and planed/sanded surfaces. Other surfaces may lead to deviations in coverage.

RECOMMENDATION:

Ready to use - do not thin! Apply thinly and evenly to the clean wood surface with Osmo Flat Brush, Finish Applicator Fleece, Floor Brush or Microfibre Roller along the wood grain and spread well (approx. 35 ml/m²). The coating results vary depending on the wood moisture content (max. 18%) and the condition of the wood, along with other factors. Therefore, a trial application should always be carried out - especially on unknown substrates! Important: apply maximum one coat of a coloured Polyx®-Oil Original to flooring. Always top coat with a clear Osmo Polyx®-Oil. For Polyx®-Oil Original 3040 White, also use 3040 White as the top coat to prevent yellowing. For 3044 Raw, use 3044 Raw as a top coat.

Initial care treatment of industrially oiled wooden flooring:Prior to the initial care treatment of industrially oiled wooden flooring, it is essential to know whether the flooring is primed or fully finished. For primed wooden flooring, an initial care treatment is not necessary; instead, another thin coat of oil is to be applied. Fully finished flooring, on the other hand, has already been provided with sufficient surface protection during production. If you would like to add extra surface protection to high traffic areas, a so-called initial care treatment is applied to the flooring directly after the installation. Due to warranty reasons, we recommend following the flooring manufacturers' care instructions and guidelines. If you have alternatively decided to finish your wooden flooring with Osmo Polyx®-Oil, the following should be observed. On a sample piece or a leftover piece of flooring, carry out a trial application as directed below: Finishing coat on primed wooden flooring: Primed flooring normally has wood pores that are still able to absorb a thin coat of Osmo Polyx®-Oil. This should be applied along the wood grain with Osmo Floor Brush or Microfibre Roller and spread well. For such applications, calculate approx. 20-25 grams per sq. metre. Initial care treatment on fully finished wooden flooring:Fully finished wooden flooring does not need under normal loading conditions any additional surface protection. However, carrying out initial care treatments may be useful for prolonging the regular maintenance intervals in high traffic areas. Since usually the wood pores of fully finished industrially oiled wooden flooring can hardly absorb the additional coat of Osmo Polyx®-Oil, special attention must be given to applying an extremely thin application. The oil applied must be buffed into flooring with either a single disc machine or Osmo Pad Holder with Joint, both in combination with a white pad. Overhanging surfaces must be wiped with a lint-free cotton cloth. For such applications, calculate approx. 5-6 grams per sq. metre. After drying, the additional coat of Osmo Polyx®-Oil must not be easily scraped away from the surface by a finger nail or a similarly dull object.

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NOTE:

Oils enhance the natural tone of wood (permanent wet effect). Polyx®-Oil Original 3044 Raw Matt as a base coat counteracts this effect thanks to a low content of white pigments. It creates a natural looking surface on light-coloured European wood species, such as Oak, Ash, Pine etc. Apply Polyx®-Oil 3044 Raw for the 1st and the second coat to produce the natural look. Trial application recommended. For Polyx®-Oil 3040 White, use also 3040 White or 3044 Raw as the top coat to prevent yellowing. ! Attention! The following applies to all Polyx®-Oil variants: Applying the product too generously and insufficient ventilation lead to delays in drying time. Caution: Apply max. one coat thinly to cabinet interiors and drawers with a cloth. Not recommended for dark and extractive-rich hardwoods (e.g. Wenge, Merbau, Jatoba etc.), Product recommendations available upon request or at www.osmo.com. ;

CAUTION:

Keep out of reach of children. Safety data sheet available on request. Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly. EU limit value for this product (cat. A/i): 500 g/l VOC. This product contains max. 500 g/l VOC.

DISPOSAL:

Dispose of product residues according to the official guidelines (European Waste Code (EWC)-Code 08 01 12). Only completely emptied cans can be recycled.

COLOUR TONE:

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SIZE (CLEAR):

0.125 l; 0.375 l; 0.75 l; 2.5 l; 10 l; 25 l

SIZE (COLOURED/ RAW):

0.125 l; 0.375 l; 0.75 l; 2.5 l; 10 l; 25 l

Product information provided above is based on current knowledge and is intended to advise the buyer/user to the best of our knowledge. However, this information must be adjusted/adapted individually to the areas of application and processing conditions. Unless we expressly guarantee the specific suitability or properties of products for a contractually specified purpose in writing, any application-related advice or information, even if provided to the best of our knowledge, shall be non-binding in all cases. In all other respects, our General Terms and Conditions of Sale and Delivery shall apply. Upon publication of a new version of this product information, the new information shall replace any previous product information.
For information specific to a certain country or region, please consult your local wholesaler or dealer:
OSMO UK,
Smeaton Close
Unit 24 Anglo Business Park
Aylesbury, Bucks HP19 8UP
Phone: 01296 481 220, www.osmouk.com
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