



## HARDWAX OIL WHITE FOUNDATION - Product Information

### Description

OS COLOR POLYX-OIL WHITE FOUNDATION is a professional, white transparent, satin mat foundation for all wooden floors (solid wood, floors, laminated flooring, oriented strand board etc.) and cork floors that are supposed to be finished with OS POLYX-OIL, POLYX-OIL WHITE FOUNDATION gives the surface an antique (limed effect).

A final treatment with the clear OS POLYX-OIL makes the floor resistant against abrasion and dirt. OS POLYX-OIL WHITE FOUNDATION is equally well suited for the treatment of wooden furniture.

OS COLOR POLYX-OIL is based on natural vegetable oils and waxes. It is microporous and does not crack, flake, peel or blister. Therefore it is an ideal treatment even in rooms with high humidity.

The finished surface is resistant against wine, beer, cola, coffee, tea, fruit juices, milk, water etc. according to DIN 68861-1C (German Industrial Norm).

OS COLOR POLYX-OIL WHITE FOUNDATION is very easy to apply. It is of a creamy consistency (thixotrope). Grain and texture of the wood are accentuated. A wooden floor which has been treated with OS COLOR POLYX-OIL will become more beautiful with age AS THE COLOUR OF THE WOOD MATURES.

### Natural oil/wax basis

OS COLOR POLYX-OIL is based on natural vegetable oils and waxes. Natural oils and waxes penetrate deeply into the wood, keeping it elastic and healthy, and preventing it from getting dry and brittle. The wood is allowed to breathe. Moisture can evaporate. Shrinking and swelling are reduced.

### Health and environment

OS COLOR POLYX-OIL WHITE FOUNDATION contains neither biocides nor preservatives. It is safe for man, animal and plant when dry and complies with the German industrial norm DIN 53160 (fast to perspiration and saliva) and the EURO-NORM EN 71 (suitable for children's toys). Test certificates available upon request.

The principle of OS COLOR is to manufacture and supply only products which are safe and environmentally friendly during production as well as for application resulted in the successful certification according to DIN EN ISO 9001 (quality management) and DIN EN ISO 14001 (environmental management) by the TÜV (Technical Control Board) Rheinland.



### Colour shade

3040 White transparent (limed)

### Uses

As foundation for interior wooden floors. Particularly suited for oak, pine, cork and OSB (oriented strandboard) floors as well as wooden furniture. (Trial

application recommended)

Recommended even for rooms with high humidity. Hard used surfaces should be finished with OS COLOR POLYX-OIL (clear).

### **No. of coats required**

1

The intensity of the color can be increased by a further coat. Finish with OS COLOR POLYX-OIL (clear).

### **Coverage**

1 l = approx. 20 m<sup>2</sup>, 1 coat

1 l = approx. 12 m<sup>2</sup>, 2 coats

### **Can sizes**

0,375 litres; 0,75 litres; 2,5 litres

### **Preparation**

The wood, cork or OSB surface must be clean and dry (maximum moisture content 20 %).

Only apply on a frost-free surface.

Small dents and holes in the wood can be filled with OS COLOR Woodfiller.

Remove old varnishes ( with OS COLOR PAINT REMOVER ( biologically decomposable) or by sanding.

If required sand with fine grain before application ( grain max. 150), remove dust carefully.

For wood tending to attract blue stain in moist surroundings (e.g. pine) a pretreatment ( all sides if possible) with our biocide-free wax impregnation WOOD PROTECTOR is recommended. (Coating with OSMO COLOR POLYX-OIL WHITE FOUNDATION within a week).

### **Compatibility**

OS COLOR POLYX-OIL WHITE FOUNDATION can be applied over OS COLOR WAX FINISHES and OS COLOR WOOD PROTECTOR.

### **Corrosion**

In rooms of high humidity the use of galvanized, non-oxidizing nails and fasteners is recommended.

### **Method of application**

#### **1. Wood floors**

OS COLOR POLYX-OIL WHITE FOUNDATION is ready to use. Please do not thin - stir well.

First application with a stiff, high quality brush or OS COLOR HAND BRUSH. Apply first coat with brush **thinly**, thoroughly and evenly along wood grain. Remove surplus. Leave to dry over night (at least 8-10 hours). Ensure good ventilation.

Finish with OS COLOR POLYX-OIL

clear after thorough drying (compare product-information no. 2).

When thoroughly dry, the surface can be polished with hand polisher or polishing machine.

If a more satin finish is desired, apply OS COLOR LIQUID WAX CLEANER and polish after drying (for small areas use OS COLOR Polishing Pad).

#### **2. Cork floors**

Due to the extreme absorption power of this highly elastic natural material we recommend the following procedure:

Apply the first coat **very thinly** with a broad varnish scraper (the HARDWAX OIL WHITE FOUNDATION will be immediately absorbed by the cork surface).

Leave to dry for a least 24 hours (if possible longer)-ensure good ventila

tion.

Small areas of cork flooring can also be treated by brush (OS COLOR HAND BRUSH). Please make sure to apply very thinly  
os color also supplies similar products for professional specifiers' or industrial application, please enquire.

### **Cleaning of tools**

With OS COLOR Brush Cleaner (benzole-free) or white spirit.

### **Drying time**

At least 8-10 hours - provide good ventilation (OS COLOR wood finishes dry by oxidation and therefore needs air).

Dust dry after approx. 6 hours.

For cork surfaces the drying time can be 24 hours or longer.

### **Maintenance**

For daily maintenance a duster, mop or vacuum cleaner will be sufficient. An electric floor polisher can also be used.

Floors treated with OS COLOR POLYX-OIL can be cleaned with water (containing a small amount of OS COLOR WASH AND CARE). Wipe dry immediately.

Persistent stains remove with OS COLOR LIQUID WAX CLEANER.

Apply a small amount of OS COLOR LIQUID WAX CLEANER with a cloth, scotchpad or the OS COLOR POLISHING PAD and remove dirt with a dry cloth.

Can be lightly polished when dry. The OS COLOR LIQUID WAX CLEANER cleans and maintains the surface.

When the surface starts looking a little dull apply a thin coat of OS COLOR POLYX-OIL (thinned with a small amount of OS COLOR BRUSH CLEANER AND THINNER) with a cloth or electric floor polisher. In general no sanding is required. Floor must only be cleaned as described above.

The clear OS COLOR POLYX-OIL-FINISH protects the pigments from abrasion.

Therefore, it is essential to keep the clear topcoat in good condition - especially in hard used areas (for example near the doors). Occasional freshening up of those areas by a thin application of OS COLOR POLYX-OIL is recommended.

### **Storage**

Can be stored up to 5 years or longer if can is full and tightly closed. If thickened by frost, it will regain normal consistency under normal temperatures within 24 - 36 hours.

### **Ingredients**

50-60 % solids (High Solid)

Base: natural vegetables oils and waxes (sunflower oil, soy-bean oil, thistle oil, - carnauba and candellila wax, paraffines).

White pigment: titanium dioxide, (approved for use in the food sector)

Additives: siccatives (drying agents), water-repellent additives.

Solvents: aliphatic low odour solvents (disaromatized white spirit - benzolefree - in compliance with purity demands of the European Pharmacopoeia).

Full declaration of ingredients upon request.

### **Technical Data**

Specific gravity (Density): 0,9 g/cm<sup>3</sup>

Viscosity: thixotrope, creamy

Odour: low odour (vegetable oil) odourless when dry.

Flashpoint: Flashpoint Setaflash ASTM D >55°C

Dried surface hardly flammable according to TLA-053.

Fire conduct in compliace with demands of German DIN 4102 (fire conduct of building materials and components) class B2 (normal inflammability).

**Caution**

Keep out of reach of children.

Do not fill into containers normally used for food and drink.

Do not bring into contact with drinks, victuals and animal food.

Work in areas with good ventilation.

In case of contact with eyes rinse immediately with plenty of water.

Wash out any used cloth immediately or keep in airtight container (danger of combustion).

**Product Information 2003**

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