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[Osmo Polyx Oil 2K \(6125\)](#)



## POLYX<sup>®</sup>-OIL 2K PURE

The tried and trusted Polyx<sup>®</sup>-Oil as a solvent and water-free 2-component oil!



6125  
Clear Satin



**Pure**



### PRODUCT DESCRIPTION

Clear, satin and fast drying wood finish for professional users. Osmo Polyx<sup>®</sup>-Oil 2K Pure is free of solvents and water. The finished surface is resistant to dirt, water and abrasion and smoothened.

In comparison to conventional finishes, the use of plant ingredients creates a more evenly coloured and more harmonious appearance. Simple application – without primer or intermediate sanding – this saves time and money.

Suitable for wood; microporous surface does not crack, peel, flake or blister. Resistant to wine, beer, cola, coffee, tea, fruit juice, milk and water according to DIN 68861-1A – no water spots. When dry, finish is safe for humans, animals and plants and is suitable for children's toys as per EN 71.3 (European norm) and is saliva-resistant and sweatproof according to DIN 53160 (German industrial norm).

Polyx<sup>®</sup>-Oil 2K Pure was developed for mechanical applications.

### RECOMMENDED USE

Osmo Polyx<sup>®</sup>-Oil 2K Pure is ideal for protecting all wooden floors, such as solid wood and plankwood flooring, blockstrip, OSB and cork floors, as well as furniture. Especially suitable for extractive-rich woods.

### INGREDIENTS

Osmo Polyx<sup>®</sup>-Oil 2K Pure (Component A): based on natural plant oils and waxes (sunflower oil, soya oil, thistle oil, carnauba wax and candelilla wax). Paraffin, siccatives (drying agents) and water-repellent additives.

Hardener for Osmo Polyx<sup>®</sup>-Oil 2K Pure (Component B): solvent-free, aliphatic polyisocyanate.

This product fulfils EU regulations (2004/42/EC) according to the VOC content of max. 500 g/l (Cat. A/j (2010)). This product contains max. 50g/l VOC.

Detailed declaration of ingredients available upon request.

### TECHNICAL DATA

Component A (Polyx<sup>®</sup>-Oil):

Specific gravity: 0.96-0.98 g/cm<sup>3</sup>

Viscosity: 24-30s DIN 53211/6 mm

Odour: faint/mild, after drying odourless  
Flash point: >100°C acc. DIN EN ISO 2719

Component B (Hardener):

Specific gravity (density): approx. 1.10-1.15 g/cm<sup>3</sup>

Viscosity: 40s DIN 53211/6 mm

Odour: faint/mild, after drying odourless  
Flash point: >100°C acc. DIN EN ISO 2719

### STORAGE

Up to 2 years and longer if can is kept dry and closed tightly. If thickened by frost, store for 24-36 hours at room temperature before use. Leftover already mixed product cannot be stored and reused.

### SURFACE PREPARATION

Wood surface must be clean, dry and frost-free (moisture content max. 12%). Osmo Polyx<sup>®</sup>-Oil 2K Pure is not ready to use. Shortly before the application, add the hardener. Please ensure that the packaging of the hardener is completely emptied and that both components are mixed thoroughly. Please do not thin. Clean old microporous stains thoroughly. Old paints and lacquers must be completely removed. As a general rule, wear a dust mask during sanding works. Fill small cracks, larger joints or holes in wood (with Osmo Wood Filler). Sand wood surfaces carefully. Begin with coarse sandpaper – final sanding work for flooring P120-150, for furniture P220-240. Before oiling the surface, remove sanding dust with a broom or vacuum.

The finished surface is, among other things, influenced by the wood's natural characteristics. Therefore, a trial application is always required, especially for unfamiliar surfaces.



## METHODS OF APPLICATION

Apply thinly to the clean and dry wood along the wood grain with Osmo Double Blade Scraper and spread well.

Allow wood to absorb the product for approx. 30-60 minutes and afterwards massage into wood with a single disc machine with a green pad. Directly afterwards, apply the second coat with a scraper (wet-in-wet), allow to it absorb and massage in.

Subsequently even out with a single disc machine with a white pad. Allow surface to dry.

If the single disc machine leaves streaks, we recommend turning the pad over, cleaning or replacing it.

Attention: 4-6 hours after adding the hardener, the mixture is to be used no longer (pot time).

## CLEANING OF TOOLS

With Osmo Brush Cleaner (free of aromatic compounds).

## DRYING TIME

Dry to light traffic after approx. 4 hours. Completely hardened and furniture can be replaced after 24 hours (normal climatic conditions, 23 °C/50 % rel. humidity). Lower temperatures and/or higher air humidity can increase the drying time. Allow for good ventilation while drying.

## COVERAGE

1 litre covers approx. 40-50 m<sup>2</sup> with one coat. Product coverage depends significantly on the character of the wood. All information refers to smooth and planed/cut surfaces. Other surfaces may lead to reduced coverage.

## NOTE

Polyx<sup>®</sup>-Oil 2K Pure "Component A" can be used solely with the hardener which was developed for it. Leftover already mixed product cannot be stored and reused. Attention: 4-6 hours after adding the hardener, the mixture is to be used no longer (pot time).

Wood surfaces treated with Polyx<sup>®</sup>-Oil 2K Pure are easy to maintain. Remove coarse dirt with a broom or a vacuum cleaner. To clean, add Osmo Wash and Care concentrate to mop water and clean the surface with a damp (not wet!) mop. To refresh and clean intensively, use Osmo Liquid Wax Cleaner when necessary. If a higher gloss level is desired, after thoroughly drying apply Osmo Liquid Wax Cleaner thinly and polish when dry.

## CAUTION

Component A (Hardwax-Oil):

Keep out of the reach of children. Do not get in eyes, on skin, or on clothing. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Use only outdoors or in a well-ventilated area. Contains 2-butanonoxime. May produce an allergic reaction. Safety data sheet available on request.

Component B (Hardener):

Warning!

Harmful if inhaled. Contains isocyanates. May cause an allergic skin reaction. May cause respiratory irritation. Do not breathe mist/ vapours/ spray. Wear protective gloves. Contains hexamethylene-1,6-diisocyanate homopolymer.

Warning



## DISPOSAL

Dispose of leftover product and completely emptied packaging according to local official guidelines (waste code number 08 01 11). Only completely emptied cans can be recycled.

## COLOUR TONES

6125 Clear Satin

## CAN SIZES

1.0 L (Polyx<sup>®</sup>-Oil 2K 0.9 L and Hardener 0.1 L)

The above mentioned information is provided to the best of our knowledge however without any liability.

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