

SPRAY-POLYX®

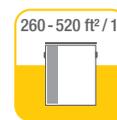
High quality oil-wax finish – especially developed for professional users!



3078 Clear
Matt



3082 Clear
Satin gloss



PRODUCT DESCRIPTION

Osmo Spray-Polyx® is a high-quality colourless wood finish for professional craftsmen. Meets wood's natural demands: It is microporous, water-repellent, dirt and wear-resistant. Will not crack, flake, peel or blister. Resistant against water, wine, beer, coffee and fruit juices according to the highest demands of the German Industrial Norm (DIN 68861-1A). Suitable for children's toys and fast to saliva and perspiration according to European Norm EN 71.3 and DIN 53 160.

RECOMMENDED USE

For interior wood, especially recommended for stairs and furniture.

CONTAINS

Solid ingredients: Based on natural vegetable oils and waxes (sunflower-oil, soybean-oil, thistle-oil, carnauba-wax, candelilla wax), silica, siccatives (drying agents). Complies with Environment Canada VOC regulations (SOR/2009-264).

TECHNICAL DATA

Specific gravity: 0.85 – 1.08 g/cm³
 Viscosity: >20-36s DIN 53211/4 mm
 Odour: faint/mild, after drying odourless
 Flash point: >30°C acc. DIN 53213

STORAGE

Up to 5 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.

SURFACE PREPARATION

Wood surface must be clean and dry (moisture content max. 18%). Clean or slightly sand old microporous finishes, remove old varnishes. If required (rough surfaces) sand before application. We recommend a final sanding with 180 grit sandpaper (or finer). Remove all dust carefully.

The finished surface is, among other things, influenced by the woods natural characteristics, therefore a trial application is required before finishing.

DIRECTIONS FOR USE

Osmo Spray-Polyx® is ready to use. Do not thin. Stir well before use.

Application quantity is dependent upon the wood variety.

1st coat: approx. 20 - 40 g/m²; using a cup gun, HVLP gun, airless or air-assisted airless device;

Drying: Dust dry after approx. 2 - 3 hours at room temperature or approx.

1 hour with 50°C ambient air temperature; ready for sanding after 6 - 8 hours or 2 - 3 hours respectively.

Intermediate sanding: at least 320-grit.

2nd coat: approx. 20 - 40 g/m²; using a cup gun, HVLP gun, airless or air-assisted airless device;

Drying: Dust dry after approx. 2.5 hours at room temperature or approx. 1 hour with 50°C ambient air temperature; stackable after 12 - 16 hours.

Clean tools with mineral spirit.

NB: This product can also be applied using a paintbrush or cloth. It can take considerably longer to dry in cases where the air is humid or the product over applied.

The surface will harden further within 2 - 3 weeks.

Different wood species require varying application amounts.



CLEANING OF TOOLS

Clean working utensils with Osmo Brush Cleaner and Thinner (benzene-free).

DRYING TIMES

Dust-dry: after approx. 2 – 3 hours under normal climatic conditions (73° F (23 °C)/50 % rel. humidity); 1 hour at 50 °C in an air convection oven.

Dry to sand: after approx. 6 – 8 hours under normal climatic conditions (73° F (23 °C)/50 % rel. humidity); 2 – 3 hours at 122° F (50 °C) in an air convection oven.

Dry to stack/load: after approx. 12 – 16 hours under normal climatic conditions (73° F (23 °C)/50 % rel. humidity); 6 – 8 hours at 122° F (50 °C) in an air convection oven.

Always ventilate well. Lower temperatures or higher humidity can increase drying time.

COVERAGE

1 litre covers approx. 260 - 520 ft² (24-48 m²) with one coat.

Different wood species require varying application amounts e.g.

Red Oak 85 g/m²

White Oak 80 g/m²

Maple 50 g/m²

Beech 50 g/m²

Walnut 60 g/m²

(all amounts approx. in total with two coats)

Coverage depends significantly on the condition of the wood. All information refers to smooth and planed/sanded surfaces.

NOTE

Clear Spray-Polyx® enhance the natural tone of wood (permanent wet effect). For cabinet interiors and drawers, apply max. one coat thinly with a cloth.

For a colour treatment, Osmo Oil Stain is ideal – just apply as a base coat.

Only one coat of Osmo Spray-Polyx® is required when applied to a surface already treated with Osmo Wood Wax Finish or Osmo Oil Stain. For dark woods and hardwoods rich in extractives (e.g. Wenge, Merbau, Jatoba etc.), we recommend using Osmo Polyx®-Oil 2K PURE. A trial application is recommended.

Wood surfaces treated with Spray-Polyx® are easy to maintain. Remove debris with a broom or a vacuum cleaner.

For cleaning, add Osmo Wash and Care concentrate to mop water and clean the surface with a damp (not wet!) mop.

For refreshing and intensive cleaning, 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.

HAZARD STATEMENTS



DANGER

FLAMMABLE

CONTENTS MAY CATCH FIRE. Do not smoke. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. **FIRST AID TREATMENT.** Contains aliphatic hydrocarbons. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

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

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CAN SIZES

2.50 L; 10 KG; 20 KG

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

Version 10/17