



SPRAY-POLYX®

High quality oil-wax finish – developed specifically for professional craftsmen!



3078
Clear satin



3082
Clear gloss



1 APPLICATION

PRODUCT DESCRIPTION

Highly effective, microporous oil-wax combination with high mechanical and chemical resistance for stairs, work surfaces and furniture. Osmo Spray-Polyx® is based on natural vegetable oils and waxes, stain-resistant, water-repellent and abrasion-resistant and smoothens the surface. 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 – no water spots. The dry finish 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).

RECOMMENDED USE

Osmo Spray-Polyx® is ideal for all wood in indoor areas that requires a durable, long-lasting and low-maintenance surface, for example stairs, furniture, table tops, kitchen countertops, toys, parquet, flooring etc. Well-suited for use in wet rooms, such as baths and kitchens.

INGREDIENTS

Based on natural vegetable oils and waxes (sunflower oil, soybean oil, thistle oil, carnauba wax and candelilla wax), paraffin, iron oxide and organic pigments, titanium dioxide white pigment, siccatives (drying agents) and water-repellent additives. Dearomatized white spirit (benzene-free). VOC content: < 450 g/liter, aliphatic hydrocarbons. Detailed declaration of ingredients available upon request.

TECHNICAL DATA

Specific gravity: 0.940 - 0.958 g/cm³
Viscosity: > 49-54s 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, dry and frost-free (moisture content max. 18%).

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. Sand wood surfaces carefully. Begin with coarse sandpaper – final sanding work for flooring 120-150 grit, for furniture 220-240 grit.

Before oiling the surface, remove sanding dust with a broom or vacuum cleaner.

The finished surface is influenced by several factors, including the condition of the wood.

A trial application is always recommended, especially for unfamiliar surfaces.



DIRECTIONS FOR USE

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

First coat: Apply with a cup spray gun, airless/air mix or HVLP.

Application amount, among other things, depends on wood species and surface, approx. 35 – 40 g/sf.

Allow for good ventilation while drying.

Intermediate sanding: at least 220 grit.

Second coat: Apply with a cup spray gun, airless/air mix or HVLP.

Application amount depends on wood species and surface, approx. 35 – 40 g/sf. Allow for good ventilation while drying.

Osmo Spray-Polyx® can also be applied with a brush or cloth.

Spray parameters

Cup spray gun:

Spray pressure approx. 3.0 – 3.5, nozzle approx. 1.3 – 2.0 mm

Airless/Airmix: Material pressure 80 – 120 bar

Airmix control air approx. 1 – 2.5 bar

Nozzle: 0.28 – 0.33 mm

Depending on the work method of the user/machine, the equipment and the condition of the relevant units as well as the type and shape of the work piece, all details have to be adjusted or corrected to suit individual cases. HVLP spray gun: Due to the multitude of different types of machinery, stating parameters is therefore not meaningful.

CLEANING OF TOOLS

Clean working tools with Osmo Brush Cleaner and Thinner (Benzene-free).

DRYING TIME

Dust-dry: approx. 2 – 3 hours under normal climatic conditions (73 °F/50 % rel. humidity); 1 hour at 122 °F in an air convection oven.

Dry to sand: approx. 6 – 8 hours under normal climatic conditions (73 °F/50 % rel. humidity);

2 – 3 hours at 122 °F in an air convection oven.

Dry to stack/accessible: approx. 12 – 16 hours under normal climatic conditions (73 °F/50 % rel. humidity);

6 – 8 hours at 122 °F in an air convection oven.

Lower temperatures and/or higher air humidity can increase the drying time. Ventilate well while drying.

COVERAGE

1 liter covers approx. 258 sq. ft. with one coat.

Coverage depends significantly on the condition of the wood. All information refers to smooth and planed/sanded surfaces. Other surfaces may lead to differences in coverage.

NOTE

Clear Spray-Polyx® enhances the natural wood color. For cabinet interiors and drawers, apply max. one coat thinly with a cloth. For color treatments, Osmo Oil Stain is ideally suited – simply apply as a base coat. For dark woods and hardwoods rich in extractives, such as Wenge, Merbau, Jatoba etc., we recommend Osmo Wood Wax Finish Clear Extra Thin or 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. 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.

LEAD STATEMENT: WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to www.epa.gov/lead.

WARNING

Flammable liquid and vapour. Keep out of the reach of children. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe spray. Wear protective gloves / eye protection. If medical advice is needed, have product container or label at hand. Use only outdoors or in a well-ventilated area. **IF ON SKIN:** Wash with plenty of soap and water. In case of fire: Use for extinction: CO₂, powder or water spray. Store in a well-ventilated place. Keep cool.



Dispose of contents/container in accordance with national regulations. Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition). Must not be applied on the same spraying stand as lacquers or lacquer corrosives that contain NC (nitro-cellulose). Risk of self-ignition.
FOR INDUSTRIAL USE ONLY.

COLOR TONES
3078 Clear satin
3082 Clear gloss

Can Sizes
2.50 L; 10.00 L; 20.00 L

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

Version 07/18

WARNING

