



2K WOOD OIL

For high traffic wooden flooring and parquet



6100 Clear Matt



6111 White Transparent



6112 Silver Grey Transparent



6114 Graphite Transparent



6118 Light Grey Transparent



6116 Cherry Transparent



6119 Natural Transparent



6141 Havanna Transparent



6143 Cognac Transparent



6164 Tobacco Transparent



6190 Black Transparent



Product description:

Osmo 2K Wood Oil is a high-quality solvent-free matt 2-component oil based on natural oils for professional use. It produces a microporous and breathable surface with only one coat.. Resistant to wine, beer, cola, coffee, water, etc. acc. German DIN 12720 (formerly 68861-1C). When dry, the 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).

Recommended use:

Osmo 2K Wood Oil is suitable for all parquet and wooden flooring (solid wood, plank, strip, stairs, etc.) acc. German DIN 18356 as well as furniture surfaces. Especially suitable for oily and resinous hardwoods and commercial interiors, which require the use of a solvent-free product.

Ingredients:

Component 1 Oil: Based on natural plant oils (linseed oil), waxes, siccatives (drying agents) and water repellent additives. Colour pigmented 2K Wood Oil also contains iron oxide and organic pigments as well as titanium dioxide as white pigment. EU limit value for this product (cat. A/j): 500 g/l VOC (2010). This product contains max. 50 g/l VOC. Detailed declaration of ingredients available upon request.

Component 2 Hardener: solvent-free aliphatic polyisocyanate, (contains < 0.1 % diisocyanate)

Technical Data:

Component 1 Oil:

Specific gravity: 0.95-1.20

Viscosity: 40-140s (4 mm, DIN 53211)

Odour: faint/mild, odourless after drying

Flashpoint: > 100 °C, acc. DIN EN ISO 2719

pH value: not required

Component 2 Hardener:

Specific gravity: ca. 1.15-1.20 g/cm³

Viscosity: ca. 1200 mPas bei 23 °C

Odour: faint/mild, odourless after drying

Flashpoint: > 100 °C, acc. DIN EN ISO 2719

Storage:

2 years and longer if stored in the closed original can. If thickened by frost, store at room temperature for 24 hours prior to use. Leftover mixed product cannot be stored and reused.

Surface Preparation:

Osmo 2K Wood Oil is not ready to use. Shortly before the application, add the hardener (mixing ratio 100:12 vol.-%) and mix both components thoroughly. Do not



thin. Pot time is approx. 3-4 hours. Wood surface must be clean, sanded, dry and frost-free (moisture content max. 20%). Clean old microporous stains thoroughly. Old paints, varnishes and lacquers must be completely removed. Always wear a dust mask while sanding. Fill small cracks, larger joints or holes in wood (Osmo Wood Filler or Osmo Wood Putty 7350). Sand wood surfaces carefully. Begin with coarse sandpaper – final sanding work for flooring P 120-150, for furniture P 220-240. 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. Therefore, a trial application is always required, especially for unfamiliar surfaces.

Methods of Application:

Apply 2K Wood Oil thinly with Osmo Double Blade Scraper or in a comfortable standing position with Osmo Professional Scraper. On chamfered flooring, apply 2K Wood Oil in sections thinly with Osmo Microfibre Roller, without filling the joints. Wait approx. 20-40 minutes for the oil to penetrate the wood. Afterwards buff oil into wood and even out the surface with a single disc machine and a white or beige pad (or ideally on furniture with Osmo HandXcenter and a white pad). Leave the surface to dry. Note: If the single disc machine leaves streaks due to too much product, we recommend turning over the pad or replacing it. To prevent a possible pressure build-up in the container, allow oil and hardener mixtures to completely react before closing (approx. 12-16 h).

Cleaning of tools:

With Osmo Brush Cleaner (free of aromatic compounds).

Drying time:

Approx. 24 hours (normal climatic conditions, 23 °C/50 % rel. humidity). Ventilate well while drying. Lower temperatures and/or higher air humidity may increase drying times.

Coverage:

Product coverage for 1 coat is 40-50 m². It depends significantly on the character of the wood. All information refers to smooth and planed/cut surfaces. Other surfaces may lead to deviations in coverage.

Note:

2K Wood Oil can be used solely with the hardener which was developed for it. Leftover mixed product cannot be used after pot time has expired and must be disposed appropriately. Wood surfaces treated with 2K Wood Oil 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 more sheen is desired, after thoroughly drying apply Osmo Liquid Wax Cleaner thinly and polish when dry.

Caution:

Component 1 Oil:

Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition). Safety data sheet available on request.

Component 2 Hardener:

Harmful if inhaled. May cause respiratory irritation. May cause an allergic skin reaction. Avoid breathing mist/vapours/spray. Wear protective gloves. Dispose of contents/container in accordance with chemical waste disposal regulations.



Contains: Hexamethylen-1,6-diisocyanat Homopolymer
CAS: 28182-81-2 (<0,1 % Diisocyanat)

Disposal:

Dispose of product residuals and completely emptied containers according to the local official guidelines (EU-waste code key number 08 01 11*). Only fully emptied containers can be recycled.

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6164 Tobacco Transparent
6190 Black Transparent

Size:
0.375 l; 1.0 l

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

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