


POLYX®-Oil Systems
Finishing system for industrial application

PRODUCT INFORMATION

Product description

The OSMO COLOR POLYX®-Oil System is a superior, photochemical and through oxygen effect drying wood coating for highly demanded wooden surfaces particularly, solid wood floorings, parquet, cork and furniture. The POLYX®-Oil System penetrates into the wood and offers an open-cell surface. As a result of the photochemical drying the immediate processing / packing is possible. The POLYX®-Oil System emphasises the natural structure and grain of the wood.

Ecology of the surface

The POLYX®-Oil System is based on re-growing vegetable oils (sunflower oil, soybean oil, thistle oil) and does not contain any biocides nor preservatives. The products are free of formaldehyde, PCP, Lindan, Permethrin and hazardous heavy metal's. They contain neither organic solvents nor water. The dried surface is physiological safe for man, animal and plant (DIN 53160, EN 71) and fulfils the very high demands of the "Deutsche Gütegemeinschaft Möbel e.V." (RAL-RG430). Certificates are available.

The production is established and applies in accordance with the certification of the OSMO COLOR Stain & Paint Division DIN EN ISO 9001 and 14001 (Quality- and Environmental management system).



Range of application

Wood for the interior, e.g. wooden floorings (solid wood from hardwood and softwood, parquet, 3S-boards, OSB, cork etc.) and furniture. Particularly wood with high content of oily ingredients and hard exotic wood has to be checked first.

Preparation

The untreated wood has to be frost free, dry (max. wood moisture 20%), clean, fibre- and dust free, sanded with P180 – P320.

Processing

The POLYX®-Oil System is being delivered ready to use. Do not thin. Stir well before using. The detailed steps of the processing have to be done in accordance with the detailed application instructions of the OSMO COLOR Stain & Paint Division. The observance of the application instructions rests with the processor.

Coverage

OSMO COLOR POLYX®-Oil Ground: approx. 5 - 15 g/m²OSMO COLOR POLYX®-Oil
Top-Coat: approx. 4 - 10 g/m²
For cork a third application is recommended.

Container sizes

25 kg can, special container size upon request.

Colours

Colourless and transparent colours possible upon request.

Cleaning of the application machine

Cleaning agent **8014** for OSMO COLOR Industrial Oils.

Storage

6 months in good locked original can. Cool and dry store. Frost resistant. Do not keep under solar radiation and incidence of light.

Disposal

Recovery or recycling. Otherwise: Under observance of regulations for the disposal of waste to a special combustion chamber.

EAK-Key: 080102 / Old varnishes and paints, which do not have any halogenated solvents.

Disposing of uncleaned packaging only after the previous hardening of the remaining material on the inside walls. For this the can has to be empty. After the emptying of the can leave it to dry by air.

EAK-key: 150199 D1 / Packaging with harmful soil.

Safety advice

The customary industrial hygienical steps are to be observed. Otherwise the regulations of the GLP and UVV 32 are valid.

Detailed information take of the safety data sheet.