

Technical Data Sheet

Miraphen® UV-Oil Sealer

Art. No.: 061

General Information: UV-curing oil Sealer for parquet and veneer floors

Qualities: **Miraphen® UV-Oil** contains a high content of re-growing natural raw materials and shows excellent adhesion on various wood types. When compared with "normal" air drying oils, **Miraphen® UV-Oil** shows good block resistance and increased wear and tear properties.

Due to the high filling properties, application on tropical wood is also possible. **Miraphen® UV-Oil** is applied in combination with Miraphen UV-Oil anti-scratch, matt as a Top Coat (062-020-00020) and corresponds to DIN 68861, 1B and DIN 4102, B1 non-readily ignitable.

Miraphen® UV-Oil is free of solvents and is especially environmental friendly. Immediately after curing with UV-lamps, the surface can be stacked and/or packed.

Treatment: **Miraphen® UV-Oil** is applied with hard rubber rollers. On most types of wood, sanding with Gritt 220-240 is recommendable leading to an optically homogenous surface.

Immediately after application at a belt speed of
12m/min with 2 Hg-lamps (80 watts)
or completely cured
10m/min with 3 Hg lamps (80 Watt)

As a precautionary measure, we recommend wearing rubber gloves and protective glasses.

Applied quantity: 1 x approx. 10-15 g/sqm **Miraphen® UV-Oil** (061)
Brushing
UV-curing, sanding
1 x 2-7 g/sqm Miraphen UV-Oil, anti-scratch matt (062)

Viscosity: 20°C: approx. 30 sec. 8mm DIN cup
30°C: approx. 20 sec. 8mm DIN cup

Shelf life: 1 year in original, unopened canister.

Dangerous Goods Classification:

Please notice our actual Material Safety Data Sheet

Scratch resistance: In order to improve the scratch resistance even more, we recommend our Miraphen UV-Hydro Primer (178-000-00035) used according to the Technical Data Sheet before the first application of the UV-Oil Sealer. The applied quantity of Miraphen UV-Hydro Primer (178) for this purpose is approx. 8-10 g/sqm.

Re-treatment: Due to the high wear and tear properties, **Miraphen® UV-Oil** extends the life of a wooden floor so that re-treatment with conventional oils is not necessary.

The value of the floor must be maintained with suitable care products such as our **Miraclear** (024).

See separate maintenance instructions.

Klumpp Coatings manufactures premium quality finishing materials for use in controlled environments utilizing suitable application technologies. It is the user's responsibility to verify product compliance with all applicable regulations or permits before proceeding with use. The user must always pre-test finishing products to verify suitability to the desired use before proceeding with any application. Manufacturer makes no warranties, express or implied, including (but not limited to) warranties of merchantability and fitness for particular purposes. Manufacturer will not be liable for any incidental, consequential or special damages or losses derived, directly or indirectly, from or as a consequence of purchaser's use of this product. Performance data is based upon laboratory testing conducted by Klumpp Coatings as applied under ideal laboratory conditions. Since substrate, environment and application are all significant factors in actual product performance, this information should serve only as a general guide and customers should conduct appropriate performance testing on production substrate samples to verify suitability to the desired use. (July 2009)