

# BIOHEL

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## TERRACE OIL



12 shades according to the BIO MIX colour card



Protection against weather effects and UV rays

TERRACE OIL is a mixture of modified drying vegetable oils in a non-aromatic aliphatic solvent. The oil is suitable for colorless and colored oiling of wooden terraces and garden furniture, and for maintenance and renovation. It is distinguished by its silky appearance, elasticity and due to UV absorbers and waxes also by good weather and water resistance.

**Maintenance:** For the first year after installation, attention must be paid to the potential cracking of the wood. In the event of a crack, it should be filled as soon as possible by rubbing the oil in with a brush or a cloth until the crack is saturated. Finish by wiping off any excess oil from the surface. Use only on clean and dried surfaces.

The recovery interval depends on several factors (wood type, weather, and mechanical exposure, etc.). We recommend regular inspections at least twice a year. Refreshing the oil at least once a year is recommended, to fill micro and macro structures and cracks, saturate the wood and thus prevent decay. If the surface does not show signs of decay, clean and dry well before applying the oil. Decaying surfaces must be cleaned with a special decking cleaner to remove the grey decayed wood and rinsed with plenty of water. Let the wood dry completely prior to oiling.

Impregnate the cleaned wood with the oil (coat, saturate and wipe), and if needed coat once more after 24 hours. Dry for 24 hours; do not walk over the surface during this time.

**Warning: Due to the risk of spontaneous combustion, oil soaked cloths must be soaked in water or burnt after use.**

When using colorless oil, the surface decays faster compared to using tinted oils from the BIO MIX color card, which is why more frequent oiling is needed.

Before applying the coating, check the drying of the coating, compatibility with the selected wood type and the final appearance on a test piece under the same conditions (wood, temperature, relative humidity, application).



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Member of KANSAI HELIOS Part of KANSAI PAINT



PROFESSIONAL  
QUALITY





## OILING A TERRACE



Easy to apply



Filling of cracks and good adhesion



For terraces and other walking surfaces

### 1. Surface preparation

TERRACE OIL is an oil suitable for the protection of all naturally more weather resistant wood as well as majority of exotic wood species (check compatibility before use). If the surface is already slightly oily (especially for exotic wood species), it must be degreased with the **BIO IMPREGNOL thinner** and dried before oiling. Some wood types should be weathered out prior oiling for certain period of time (1-4 weeks) for a better protection and oil intake.

The surface must be completely dry (the moisture content of the wood should not exceed 15%), well-sanded (P100), free of dust, resin, grease, wax and other impurities. Open resin saps in conifers should be removed with the thinner and then sealed with putty. Prior to the first oil application, the surface should be protected with biocidal protection in order to prevent the occurrence of blue stain, rot and woodworm. Do not oil damp or wet wood.

### 2. Application

Apply the oil at a temperature above 15°C (20°±5°C) and at a relative air humidity of 40–75%. Drying time is considerably longer outside these conditions. On the other hand direct sun (hot surfaces) and wind result in too fast drying. The oil must be mixed thoroughly before use. Do not allow for water (rain, fog, etc.) to come in contact with the oiled wood during application and drying time.

As the first layer of denser wood species (teak, oak etc.), it may be further diluted with **BIO IMPREGNOL thinner**. For oil spreading along the surface, we recommend using a velour roller, an oil applicator floor brush from natural bristles or cloths. The oil is intended for the treatment of horizontal surfaces.

Apply the oil in slight surplus and let it soak in wood for 5-15 min. The oil should be applied from all sides. The cross-section of the wood in particular must be well protected. After this remove the surplus with a cloth and polish it with a clean and absorbent cloth.

Let it dry and harden for 24 hours. After drying, if needed, sand the oil with a scotch-brite sponge only so that it is slightly smoothed to remove the raised wood fibers.

At this point the boards are normally installed onto the decking, so all the incisions and damage caused by the installation (screw holes, side cuts, etc.) are protected with the final coat of oil. The wood quickly starts to decay in areas that are not completely sealed.

Apply the oil for the second time or until the surface is completely sealed, and let it dry as the first layer. Do not walk on the treated surfaces during this time. After treatment, the oil cures and solidifies for at least another week, so apply little loads during this time. To clean the tools, use **BIO IMPREGNOL thinner** or Helios nitro thinner. We recommend using protective equipment, such as nitrile rubber gloves resistant to aliphatic solvents and protective goggles.

### 3. Consumption

Depending on the wood type and the quality of pre-treatment; 1L is sufficient for 15–30 m<sup>2</sup> of one coat. A certain amount of oil is wasted with used oiled cloths after removing the surplus.

Consumption is higher with milled surfaces and when maintaining weathered wood.

When the packaging is more than half empty, we recommend storing in smaller and appropriately labeled packaging, so that the oil does not transform into gel.

Store the product in a dry place at temperatures of up to 35 °C and protect it from direct sunlight.

