

Ecoline Oil Ground Coat

Technical Data Sheet

January 2016

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Ecoline



- » for wood, cork and bamboo flooring
- » natural oil based
- » oxidative drying

Product characteristics:

For a natural and beautiful surface. *Ecoline Oil Ground Coat* is part of a coating system especially developed for wooden, cork and bamboo floors and heavily used furniture surfaces. The product is healthy-living, breathable and in line with VOC guide line 2010.

Saliva and sweat resistant acc. DIN 53160 T.1+2.

Complies with the migration behavior according to DIN EN 71T.3. DIBt approval: Z-157.10-103.

Colours:

3408Eco	Extra-White	transparent
3409Eco	White	transparent
3410Eco	Colourless	transparent
3413Eco	Birch	transparent
3417Eco	Silver Grey	transparent
3418Eco	Pear	transparent
3422Eco	Chestnut	transparent
3428Eco	Teak	transparent
3438Eco	Mahogany	transparent
3458Eco	Oak	transparent
3474Eco	Basalt Grey	transparent
3477Eco	Graphite	transparent
3479Eco	Antique Grey	transparent
3481Eco	Walnut	transparent
3485Eco	Rosewood	transparent
3490Eco	Ebony	transparent

Additive for Ecoline Oil Ground Coat

3243 Hardener 2K

Can be used for all colours.

Note:

All colours are mixable with each other. If having tins from different batches, please mix these before usage.

The colour result depends on several factors: besides the wood species and quality the sanding is also crucial. We recommend a trial coating on original timber in order to obtain the most accurate preview of the later result (acc. to German DIN 18356).

Fields of application:

For all kinds of wooden, cork or bamboo floors (solid wooden floors, parquet, strip parquet, veneered floors) and surfaces in interior areas. Furthermore, usable for hardwood, exotic and thermo-treated wood.

Preparation:

Wood surface must be dry and clean (max. moisture content 12%). Any lacquer or paint remains need to be sanded off completely. Sand the surface thoroughly. Final sanding should be done with a cross grinding pad or sanding paper min. grain 120 - 150 – also in edge areas. Remove sanding dust thoroughly with dry cloth or vacuum cleaner.

Processing:

Stir well – do not dilute.

Surface can be watered prior coating with *Ecoline Oil Ground Coat* in order to achieve a more intensive and equal colour result. In case of watering for avoiding colour differences, please dampen the whole surface once with water. This should take place immediately before coating. Wait for complete optical drying until coating. A more intensive colour shade is to be reckoned in case of watering. Please make a trial coating!

Apply thinly with *SAICOS Double Blade Scraper*. Application quantity approx. 15g/sqm, depending on wood species (please calculate with higher consumption in case of watered flooring). Buff the treated surface until cloudless appearance with one- or multi-disc rotary machine (white pad) after max. 30 min. Please contact your dealer in case of floor with bevel.

Number of coats:

1x *Ecoline Oil Ground Coat*

Final coating:

Ecoline Oil Ground Coat is a primer only and requires a final coating. As final coat you can choose between:

- *SAICOS Premium Hardwax-Oil*
- *Ecoline Hardwax-Oil*
- *Ecoline MultiTop^{plus} Lacquer system*

Please see corresponding technical data sheet.

This product can be used with machinery. For further information please contact your dealer.

Best processing temperature:

between 8 °C and 35 °C

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Coverage per liter: approx. 65 m²
Coverage depends on wood species and surface structure. .

Drying time:
approx. 8 – 10 hours (depending on temperature and air humidity).
Oxidative drying – provide open windows during and after processing to reach a good air circulation.
Is it necessary to smooth the surface with an one- or multi-disc rotary machine (green pad) after complete drying of *Ecoline Oil Ground Coat* if the surface shall be finished with *Ecoline MultiTop^{plus}* lacquer system.

Cleaning of tools:
with *SAICOS Brush Cleaner*

Storage:
At least 5 years in sealed container. The liquid product is not susceptible to frost. To restore good spreadability after exposure to frost, store at room temperature for several hours and stir well.

Physical properties:
Density: 0.94 - 1.31 g/cm³
Viscosity: 110 - 155 seconds, 4 mm cup, DIN 53211
Odour: faint / mild, odourless when dry
Flashpoint: > 61 °C according to DIN 53213

Safety Instructions – First Aid:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs. Wash out any product-soaked rags immediately or store in an airtight container (danger of combustion). The dried coating is normally inflammable acc. to EURO norm EN 13501 (DIN 4102 B2).

Contains:

Tung Oil (wood oil); 2-Butanonoxim.
May cause allergic reactions.

Material safety data sheet available on request.

EU limit for clear coatings and stains (cat. A/e): 400 g/l (2010).
Ecoline Oil Ground Coat contains max. 400 g/l VOC. GISCODE: Ö40. GGVSEB / ADR -/- WGK 1 labelling according to German standards

Our application advice is provided to the best of our knowledge and based on experiments, however, applies only as a non-binding recommendation and does not exempt you from testing the products supplied by us as to their suitability for the intended purpose. Since the application and processing of the products is beyond our control, the responsibility rests solely with the user. With publishing a new technical data sheet the previous loses its validity.

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