

environmentally friendly · no biocides · safe for children's toys

VOC
< 10 %

Ecoline 
by SAICOS

Technical data sheet
August 2010

Oil Ground Coat DuoTop

For Ecoline 1 K and 2 K Sealer DuoTop
and Ecoline Hardwax-Oil

natural oil based · easy to apply

Product characteristics:

Beautiful, natural and durable surface.

Ecoline Oil Ground Coat DuoTop (art. 34xxEco) is part of a newly developed coating system for wooden, cork and bamboo floors and heavily used furniture surfaces. It combines the advantages of a oiled wooden surface (natural beauty of the wood gets emphasised) with an exceptional high abrasion resistance and durability and is therefore very easy to clean and maintain.

The Ecoline DuoTop system is healthy-living and breathable. The system, which is easy in handling, is in line with the VOC guide line 2010, slip resistant, can be renovated partially and is low-cost due to a very low material consumption.

Colours:

3408Eco Extra-White transparent
3409Eco White transparent
3410Eco Colourless
3413Eco Birch
3417Eco Silver Grey
3418Eco Pear
3421Eco Pine
3422Eco Chestnut
3423Eco Beech
3428Eco Teak
3432Eco Cherry
3438Eco Mahogany
3458Eco Oak
3481Eco Walnut
3485Eco Rosewood
3490Eco Ebony

Fields of application:

For all kinds of wooden floors (solid wooden floors, parquet, multiply and veneered floors) and surfaces in interior areas. Furthermore usable for hardwood, exotic and thermo treated wood. If having any doubts please make a test coating on original sample.

Application:

Preparation: Bare wood surface must be dry and clean (max. humidity 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 – also in edge areas. Remove sanding dust with dry cloth or vacuum cleaner.

Best temperature for application:

15°C to 25°C, to be coated surface min. 8°C.

1st coat:

Ecoline Oil Ground Coat DuoTop colourless or coloured (art. 34xxEco). Stir well – do not thin.

Apply thinly with Ecoline Spring Spatula (art. 0950 027Eco) and disperse. Application quantity approx. 15g/sqm, depending on wood species. Level the primed surface until cloudless appearance with one- or multi-disc rotary machine (white pad) after max. 30 min. Please contact your specialist shop in case of floor with bevel.

Drying: approx. 8–10 hours (depending on temperature and humidity). Smooth the surface after drying with one- or multi-disc rotary machine (green pad).

Subsequent 2nd coat:

For final coating you can choose between:

- » Ecoline 1 K Sealer DuoTop (art. 9903Eco)
 - » Ecoline 2 K Sealer DuoTop with Ecoline Hardener (art. 9907Eco)
 - » Ecoline Hardwax-Oil (art. 3600Eco)
- please see technical data sheets

Cleaning of working utensils:

Ecoline Oil Ground Coat DuoTop (art. 34xxEco) with brush cleaner (benzene-free).

All products of the Ecoline DuoTop system are sprayable.

Number of coatings:

1 x Ecoline Oil Ground Coat DuoTop (art. 34xxEco)

Ingredients:

On natural vegetable basis: sunflower, soybean and thistle oil.

Additive: drying agents made of leadfree minerals, 2-Butanonoxim (prevents skin occurrence).

Solvent: aliphatic hydrocarbon = disaromatized white spirit – benzene-free – complies with the purity demands of the European pharmacopoeia.

Physical characteristics:

Specific gravity: 0.94–1.05 g/cm³

Viscosity: slightly thixotropic, creamy

Odour: weak/mild (like natural vegetable oils), odour-free after complete drying.

Flashpoint: over 61 °C according to DIN 53213 (identification not required in line with EU guideline).

Security advice:

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Do not bring into contact with victuals and animal food. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Wash out any used cloth immediately or store in airtight container. Dried coat normally inflammable according to EURO-Norm EN 13501 (DIN4102).

please turn

Storage properties:

In unopened original can for at least 5 years.

Can sizes and coverage:

0.75 l = approx. 50 m² 1 coat applied by spatula

2.5 l = approx. 160 m² 1 coat applied by spatula
(depending on wood species and surface condition).

Health and environment:

Ecoline Oil Ground Coat DuoTop (art. 34xxEco) contains no biocides. The dried finish complies with DIN 53160 T. 1+2 (fast to perspiration and saliva) and EURO-Norm DIN EN71 T. 3 (assessment of migration behaviour) = suitable for children's toys.

EU limit for Oil Ground Coat (cat. A/i): 500 g/l (2010). Ecoline Oil Ground Coat DuoTop contains max. 90 g/l VOC.

The information above is give to the best of our knowledge but without liability.

All SAICOS products are made exclusively in Germany.

It is our principle to produce and sell just products which are according to current knowledge harmless and riskless during production and usage.



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