Ground Oil Extra Thin

Technical Data Sheet
September 2018

» ***essential as ground coat for interior hardwood / exotic wood floors and furniture***
» ***oxidative drying***

Product characteristics:
SAICOS Ground Oil Extra Thin is an especially easily and deeply penetrating, open-pored primer. Essential for the treatment of hardwood floors. *SAICOS Ground Oil Extra Thin* preserves the wood's natural beauty.
It is healthy living and especially wood suitable – based on natural plant raw materials – moisture-regulating, breathable, reduces swelling and shrinking of the wood. *SAICOS Ground Oil Extra Thin* is low in odor and odorless after drying.
DIBt certification number: Z-157.10-4.

***SAICOS Ground Oil Extra Thin* protects wood in a natural way:**
The natural oils penetrate especially deeply into the wood, protect it from the inside and keep it elastic. Floors, treated with *SAICOS Ground Oil Extra Thin* and *SAICOS Premium Hardwax-Oil* become highly wear-resistant as well as resistant to dirt and water. Coffee, wine or aggressive fruit juices can not penetrate and can be easily removed.
Even moisture will not harm the open-pored coating.
SAICOS Ground Oil Extra Thin bonds permanently with the wood – therefore no sanding in case of renovation.

Colours:

3001	Colourless
3008	Black transparent (especially recommended for dark exotic woods to equalize wood differences, stage floors)

Area of application:
Essential as first coat for interior floors made of hardwoods / exotic woods (European and overseas hardwoods / exotic woods), commonly known woods such as smoked oak, meranti, wenge, merbau, jatoba and thermo wood. *SAICOS Ground Oil Extra Thin* penetrates especially easily and deeply into the hardwood pores (final coat *SAICOS Premium Hardwax-Oil*).
Suitable for floors in rooms with high humidity. We recommend a trial coating on a small wood sample in case of having a not mentioned exotic wood.

Preparation:
The surface to be treated must be clean and dry (maximum moisture content 12 %).
Strip or sand old lacquer coating (final sanding 120 – 150). Thoroughly remove all sanding dust. Pre-treat wood installed in rooms with high humidity, which tend to discolor (f. i. pine and other conifers) against blue stain with *SAICOS Wood Impregnation 9000* (let dry for about 18 hours).

Processing:
Apply with *SAICOS Oil / Wax Roller*, *SAICOS Flat Brush* or a lint-free cloth. *SAICOS Ground Oil Extra Thin* is ready to use - do not dilute. Stir well before use. Apply evenly and not too thin along wood grain.
Let dry for about 20 minutes – remove unabsorbed surplus material with lint-free cotton cloth or equalize by machine with a white pad (leave no wet spots).
Final coat: *SAICOS Premium Hardwax-Oil*.

Best processing temperature: between 8 °C and 35 °C.

Coverage per liter:
approx. 17 m² (1 coat on smooth wood).
(Depending on type of wood and surface structure. Thermo wood is to be expected with a higher application quantity.)

Number of coats:
1 coat (final coat: *SAICOS Premium Hardwax-Oil*).

Drying:
min. 8 hours (depending on temperature and humidity).
Open windows to achieve a good air circulation during and after processing. Dust-dry after approx. 4 hours.
Oxidative drying - therefore ensure good ventilation.

Easy maintenance:
Cleaning and care:
Floors treated with *SAICOS Ground Oil Extra Thin* and *SAICOS Premium Hardwax-Oil* require no special care. It is sufficient to wipe clean with a dry or slightly damp cloth (with *Ecoline Wash Care*). To remove stubborn stains and for the occasional refreshing of heavily used surfaces we recommend *SAICOS Wax Care*.

Renovation:
Floors treated with *SAICOS Ground Oil Extra Thin* and *SAICOS Premium Hardwax-Oil* can get, if required – without any special preparation (we recommend cleaning the floor with *Ecoline Magic Cleanser*) – another coat on the dirt cleaned surface (can also be applied partially - no visible laps!).

Cleaning of tools:
with *SAICOS Brush Cleaner* or white spirit

Storage:
Can be stored at least 5 years in closed container.
Frost resistant. If thickened by frost, store at room temperature for some hours to regain normal consistency and stir up well.

Physical properties:
Density: 0.835 - 0.915 g/cm³
Viscosity: 31 - 41 seconds, 3 mm cup, DIN 53211
Odor: faint / mild, odorless when dry
Flashpoint: > 61 °C according to DIN 53213.

Safety instructions - first aid 3001:
Keep out of the reach of children.
Do not fill into containers normally used for food and drink.
Wash out any used cloth immediately or store in airtight container (danger of combustion). After drying normal inflammable (EURO-Norm EN 13501 - DIN 4102 B2).

Contains:
2-butanone oxime. May cause allergic reactions.
Material safety data sheet available on request.

EU limit for minimum film-forming wood stains (Kat. A/f): 700 g/l VOC (2010).
SAICOS Ground Oil Extra Thin contains max. 700 g/l VOC.
GISCODE: Ö60
GGVSEB / ADR -/-
WGK 1 in accordance with German standard

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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