

Ecoline Future 2 K Premium Sport

Technical Data Sheet

January 2020

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Ecoline



- » for sports flooring according to DIN 18032-2:2001-04
- » on water basis
- » 2-component system incl. Hardener

Product characteristics:

Beautiful, natural and durable surface. *Ecoline Future 2 K Premium Sport* (contains lacquer and hardener) is part of a newly developed coating system for sports flooring, wooden and bamboo floors and heavily used furniture surfaces. The *Ecoline Future 2 K Premium Sport* is healthy-living. The system, which is easy in handling, is in line with the VOC guide line 2010. DIBt approval: Z-157.10-161.

Article number:

9970Eco Satin matt

9975Eco Matt

Fields of application:

For all kinds of wooden floors (solid wooden floors, parquet, multiply and veneered floors) and surfaces in interior areas. We recommend a trial coating on original wood.

Restrictions on use:

Our experience has shown that bleeding of wood ingredients and a cloudy appearance may occur if having wood with water-soluble components (e.g. Merbau, Jatoba, Afzelia, Robinia, Acacia). We recommend a trial coating on original wood.

The following standards are recommended to take note of: DIN 18356 "Working with parquet" and DIN 18367 "Working with wooden paving".

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 with dry cloth or vacuum cleaner.

Processing:

Ecoline Future 2K Premium Sport is just to get applied with SAICOS *Aqua Roller*.

1st coat:

- *Ecoline Future 2 K Premium Sport*
Mix *Ecoline Hardener* with *Ecoline Future 2K Premium Sport* (1 part *Ecoline Hardener* with 10 parts *Ecoline Future 2K Premium Sport*) and shake well for about 2 minutes.
Apply undiluted with SAICOS *Aqua Roller*.

Note: Do not pour directly on the surface, rather work with a Paint Tray.

Application quantity: approx. 100-120 g/sqm

Pot life: 1-2 hours.

Drying time: approx. 3-4 hours.

- *Ecoline Future Universal Ground Coat* (compulsively needed if having exotic or thermally treated wood)
- *Ecoline Oil Ground Coat*

Please see technical data sheets

2nd/3rd coat:

Mix *Ecoline Hardener* with *Ecoline Future 2K Premium Sport* (1 part *Ecoline Hardener* with 10 parts *Ecoline Future 2K Premium Sport*) and shake well for about 2 minutes. Apply undiluted with SAICOS *Aqua Roller*.

Note: Do not pour directly on the surface, rather work with a Paint Tray.

Application quantity: approx. 100-120 g/sqm

Pot life: 1-2 hours.

Drying time: approx. 3-4 hours.

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

Important:

Do not close container which contains lacquer/hardener mixture! Max. 2 coats per day. 3rd coat is applied after a slight sanding with mesh grinding pad (grain 150).

Best processing temperature:

between 18°C and 25°C. The surface to be coated min. 8 °C.

Coverage:

1 liter is sufficient for approx. 9 sqm (1 coat).

Drying time:

Dust dry after approx. 1 hour, walkable after approx. 3-4 hours. Sandable after minimum 6 hours. Final curing and full resistance after approx. 7 – 10 days.

Easy maintenance:

Cleaning and care: Common cleaning with broom, mop, vacuum cleaner or cloth. Can be mopped damply (add *Ecoline Wash Care* to water). Resistant stains (e. g. from rubber soles) can be removed with *Ecoline Magic Cleaner*.

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Occasional freshening up: For lacquered floors we recommend treatment (depending on wear) with *Ecoline Refresher* (water dilutable, 1 part *Ecoline Refresher* to 10 parts of water).

Renovation: *Ecoline Future 2 K Premium Sport* can be applied after a previous sanding (grain 120-150).

Cleaning of tools: with water

Storage:

In sealed container at least 1 year. The liquid product is susceptible to frost. Transport and store frost-free (> 5 ° C).

Physical properties:

Density: 0.95 – 1.08 g/cm³

Viscosity: 22 - 30 seconds 4 mm cup, DIN 53211

Odour: faint / weak, after drying odourless

Flashpoint: not flammable

Safety - First Aid for 2K Premium Sport:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs.

Contains:

BIT; mixture of CIT and MIT (3:1); TMDD.

May produce an allergic reaction.

Safety data sheet available on request

Safety - First Aid for Hardener:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs. Harmful if inhaled. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. May cause respiratory irritation. Avoid breathing vapor. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves and eye/face protection. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If skin irritation or rash occurs: get medical advice. Take off contaminated clothing and wash it before use. Store in a well-ventilated place. Keep container tightly closed. Keep locked up. Dispose of contents/container to industrial incineration plant.

Contains:

Isocyanate.

EU limit for two component coatings (Cat A / J): 140 g / l (2010).
Ecoline Future 2K Premium Sport contains max. 140 g / l VOC.
GGVSEB / ADR - / -

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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