

# Additive Hardener 2K

Technical Data Sheet  
September 2020  
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## Ecoline



- » Additive for [Ecoline Hardwax-Oil 2.0](#)
- » solvent-free, also as 2K variant
- » better curing
- » coated surfaces can be walked on earlier
- » improved abrasion hardness

### Product characteristics:

For producing an [Ecoline Hardwax-Oil 2.0](#) with improved abrasion hardness. Surface is more resistant compared to common systems.

### Article number:

3643Eco colourless for 0,75 can  
3643Eco colourless for 2,5 can

### Fields of application:

With the *Additive Hardener 2K* the curing of the [Ecoline Hardwax-Oil 2.0](#) is improved even under difficult working conditions e.g. high air humidity. In general, coated surfaces can be walked on earlier and have an improved abrasion hardness.

### Preparation:

Switch off the underfloor heating 36 h before application. Switch it back on 24 h after applying the last coat. Pour the additive into the corresponding [Ecoline Hardwax-Oil 2.0](#) can, stir well – do not dilute. Wood surface must be dry and clean (max. moisture content 12 %). Any paints and varnishes must be removed (final sanding grain 120-150). Remove dust thoroughly. Previously oil- or wax-treated surfaces do not require sanding.

**Important:** Use the [Ecoline Hardwax-Oil 2.0](#) with hardener within one hour. Do not close the can after mixing the both components.

### Processing:

Apply with [SAICOS Double Blade Scraper](#).

**Note:** The quantity in the additive cans fit the particular can size 0,75 L and 2,5 L. Only use one additive per can. Please use two cans of *Additive Hardener 2K* if you coat soft wood such as spruce, pine, etc.

### Number of coats:

**For untreated floors:** 2 coats (primer unnecessary). Apply thinly and evenly. Do not use the *Additive Hardener 2K* only in the final coat. Always use the *Additive Hardener 2K* two times. Oxidative drying: Provide open windows during and after processing to reach a good air circulation.

**Processing:** Please see Technical Data Sheet [Ecoline Hardwax-Oil 2.0](#).

**Renovation:** 1 coat

### Best processing temperature:

Between 8°C and 35°C

**Coverage per liter:** approx. 35 m<sup>2</sup> (2 coats)

Coverage depends on wood species and surface structure.

### Drying time:

Min. 8 - 10 hours (depending on temperature and air humidity). Full curing of the surface after approx. 1 day. Oxidative drying: Provide open windows during and after processing to reach a good air circulation.

### Easy maintenance:

#### Cleaning and maintaining:

Daily cleaning with broom, mop, duster or vacuum cleaner. Can be mopped damply ([Ecoline Wash Care](#)). Persistent dirt and stains (e.g. from rubber soles) can be removed with [Ecoline Wax Care](#).

#### Intensive Cleaning:

We recommend our [Ecoline Magic Cleaner](#).

Please see the [Technical Data Sheet](#).

### Storage:

In unopened/sealed container at least 1 year.

### Cleaning of tools:

With [SAICOS Brush Cleaner](#).

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## EcoLine

### 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). Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. Harmful to aquatic life with long lasting effects. Avoid breathing vapours. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice / attention. Use only outdoors or in 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 INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor / physician if you feel unwell. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Keep locked up. Dispose of contents / container to industrial incineration plant.

**Contains:** aliphatic polyisocyanates.

EU limit for two component coating (Cat A/j): 500 g / l (2010)  
*Ecoline Hardwax-Oil 2.0* with *Additive Hardener 2K* contains < 1 g/l VOC.

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.

### SAICOS COLOUR GmbH

Carl-Zeiss-Str. 3

D-48336 Sassenberg

☎ +49 2583 3037-0

📠 +49 2583 3037-10

✉ info@saicos.de

[www.saicos.de](http://www.saicos.de)