



# WHITTLE WAXES EVOLUTION HARDWAX OIL INFORMATION SHEET

## Product Description: Evolution Hardwax Oil

Evolution is an open-pored, breathable and moisture-regulating surface finish and protection, based on natural raw materials. Evolution can be applied with or without the special 2K Booster. Evolution has extremely high coverage rates, up to 30m<sup>2</sup>/L depending on application technique.

- **Timber Protection:** The treated areas are highly water repellent and resistant to conventional foods and household chemicals.
- **Safe:** Oxidative drying, cobalt free, free of oximes
- **Areas of use:** All high traffic interior surfaces, such as timber floors, cork, OSB boards, glued timber, countertops, and furniture. Even in damp areas such as bathrooms and kitchens. Suitable for kindergartens, schools, nursing homes, etc.

### Recommended Tools:

Stirring stick, brush, micro fibre roller, paint tray, 120 and 220 grit sandpaper.

**Clean tools and brushes:** with *Whittle Waxes Special Thinner*.

**Container sizes:** 100ml, 500ml, 1L, 2.5L, 4L and 10L.

**Coats needed:** 2 coats.

**Sheen levels:** Matte, Classic, Satin and Gloss.

Evolution can be applied manually and by machine.

**Coverage Rate:** 1 litre is sufficient for approx. 30m<sup>2</sup> rolled, per coat, depending on the type of timber and surface texture.

**Drying time between coats:** Allow the first coat to dry overnight. Lightly cut back with 220 screen. Apply second coat, aiming to achieve 30m<sup>2</sup>/L.

**Complete curing time:** 8-10 days. Do not allow to get wet or lay carpets during this period.

**Storage:** Cool, but frost-free. Ensure can is well closed.

**Recommended storage temperature:** Above 8°C. Application temperature (incl. drying) between 8°C and 35°C.

Timber moisture content not more than 18%.

Humidity <60%. (Switch off floor heating at least 2 days prior to treatment).

Repair holes and cracks with *REDifill Wood Filler*.

**NOTE:** Soaked rags are prone to spontaneous combustion. Open out and allow to dry, or keep them in a sealed container soaked in water. Keep container tightly closed. Empty vacuum dust from machinery after use.

## Timber preparation:

- Surface must be properly sanded. Finish sanding with 120 screen or finer. Surface must be grease-free, dust-free, clean and dry.
- Different Timber species may give a different finish, please do a sample board if necessary.
- Strip or sand painted surfaces (final sanding with 150 grit or finer).
- Application temperature (incl. drying) from + 8°C. Timber moisture content not more than 18%. Humidity <60%. (Switch off floor heating at least 2 days prior to treatment).
- Repair holes and cracks with *REDifill Wood Filler*.

## Product preparation:

- It has different effects on different surfaces. Trial application required.
- **Stir well before and during use.**
- Please mix enough product to complete the area, when using more than one container.

## Application:

1. Apply the first coat with brush, roller or paint pad, **thinly** and evenly, aim to achieve 30m<sup>2</sup> per litre.
2. Ideally leave overnight.
3. An intermediate sand with a 220 grit screen will improve the look and feel of the finish. Apply second coat aiming to achieve 30m<sup>2</sup>/L.
4. Drying time depends on temperature, humidity, timber species and surface texture.

5. For commercial and high traffic applications, there is an optional 2K Booster to further improve the product's durability.
6. We supply the 2K Booster as an option, as it contains minute amounts of a less environmental additive. Please read the label and follow our recommendations when handling the 2K Booster.
7. **Only mix as much Evolution and 2K Booster, as can be applied within the next 1 - 2 hours.**
8. Mixing ratio: 100ml 2K Booster to 2.5L Evolution, or multiples thereof. **(Please adhere to the mixing ratio!).** Stir vigorously for at least 1 minute.
9. If you feel uncertain in dealing with 2K systems, ask your dealer for advice.
10. Application as described above.

**Ingredients:** Refined natural oils such as soybean oil and sunflower oil, Isoaliphates, micro waxes, additives, lead-free drying agents.



**GHS information;** EUH210 Safety data sheet available on request. P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before using the product. When using several containers with different lot numbers, mix them in a large container. Only give completely empty containers for recycling. Dried waste material can be disposed of as household waste or as construction waste. Dispose of liquid remains at a collection point for old paints. ASN No.: 080112. EU limit value for the product (A/f): 700 g/l (2010). This product contains max. 530 g/l VOC.

**Disclaimer:** Our technical advice in written form is given in good faith and on the basis of experiments, but it is only non-binding advice and does not release you from the obligation to test the products supplied by us as to their suitability for the particular purpose. Application, use and processing of the products outside our direct control are entirely your responsibility. Naturally we guarantee consistent quality of our products corresponding to the original sample. With release of new product information the previous information loses validity.