



Timber Coatings

Product: Hard Wax Oil



Document Version: 1.0

Date: 2/23/2024

Natural hard wax oils cured at the speed of light. Zero VOC's, cured in seconds ready to use. For furniture, flooring, construction and decorative applications.

NATURAL COATING, LED CURED.

We recommend a specialised coating using a revolutionary LED cured hard wax oil.

Most prefinished boards are coated overseas and shipped to Australia which means lead times of up to 3 months or more. We can offer our products coated locally using Vesting Hard Wax Oil and cure them with an LED system that hardens the wax oil instantly. Have it delivered in weeks, not months.

HARD WAX OIL vs LACQUER, WHAT IS THE DIFFERENCE?

With so many different coating processes, understanding their differences can be overwhelming. To make things simple, coatings can be broken down into two groups: lacquers and varnishes that add a protective film on top of the timber and waxes and oils that saturate the timber's natural, microscopic gaps leaving no room for dirt or other contaminants.

For you, the real difference is in how the timber feels. Because lacquer sits on top of the timber, your product will feel completely smooth. Surfaces coated with a hard wax oil let you feel the timber it protects.

LED CURING vs UV CURING

Without getting too technical, both curing systems use a select spectrum of light to harden the coating. Unlike UV varnishes, hard wax oil is a natural product with special activators that react to LED light. No fumes and no waiting. You can walk on floorboards for example, immediately.

Hard wax oil combines the advantages of oil and wax; the oil impregnates the wood, and the wax provides a protective layer.



GENERAL CARE

Below are Crafted Hardwoods recommended methods (and material suggestions) for the care and cleaning of coated surfaces using the latest, Eco-friendly and durable LED-cured Hard Wax Oil. Regular cleaning will prevent dirt and grit from wearing and scratching your surfaces and will extend the life of the finish considerably.

Loose dirt and dust should first be removed by the use of an electrostatic cloth, mop, or by vacuuming (after first ensuring the head of the vacuum won't scratch your surface). A swivel-type-cleaning pad is preferred (e.g. Sabco Super Swish); normally these products are supplied with one dry electrostatic pad and one wet microfiber pad that are interchangeable; these types of cleaning products are available from most well-known hardware and building supplies chain stores.

After dirt/dust removal, use a spray bottle (either, mop-mounted or hand-held) containing a mixture of the Vesting Wax & Clean concentrate and water (mixed as noted on label) to mist, or lightly "spritz", the floor. This cleaner is specifically designed for LED-cured HWO finishes; in addition to cleaning the floor, it adds a small amount of wax to further optimise coating life. The Vesting Wax & Clean concentrate can be purchased separately from Crafted Hardwoods in 1-litre or 2.5-litre containers. Clean a section of the surface at a time, working along the boards in the grain direction to remove any marks and collect any missed grit. Best cleaning results are achieved by frequent rinsing of the microfiber pad in water to continually remove any lifted dirt and grit. It is most important not to over-wet timber surfaces, nor to allow moisture to remain on a timber surface for any period. After surface cleaning is completed, the damp mop should, either, be thoroughly rinsed with clean water, or better still, washed in a washing machine ready for the next use.

Do not under any circumstances use any cleaners containing bleach, ammonia, or caustic-based chemicals to clean the surface (e.g. Domestos, White King or other common household cleaners) as most: (i) are caustic, (ii) can weaken the coating and (iii) will very likely cause colour distortion and unsightly staining.

Fats such as cooking oil and greasy foods can be extremely penetrative and mark the surface permanently. Therefore, we strongly recommend that such spillage mishaps need to be removed and cleaned immediately using the methods noted above. To further protect your surface, it is always worth considering applying an extra clear over-coat for wet areas such as the kitchen and the dining area where the surface is most exposed to fatty foods.

FLOOR AND PANEL COATING

To prevent scratching of the surface by items of furniture, all furniture feet, legs and bases in contact with the surface should be fitted with protective pads (e.g. adhesive-backed felt type) prior to placing these items in the coated floor areas. These protective pads are readily available through any hardware outlet, building supply companies, etc.

Natural timber needs to 'breathe', therefore it is important to be aware that the use of rugs, mats or hall runners, can discolour a floor, even when those coverings are considered "breathable." If the timber under the floor covering discolours, it is best to remove the covering immediately. This will allow the timber to 'breathe' and it will usually return slowly back to its original colour.

SCRATCHING AND DENTING

Surfaces coated with LED-cured Hard Wax Oil coatings can be refinished if excessively damaged. A big plus here is that our LED HWO finishes are designed to be recoated without the need for a lot of sanding. For best results, we recommend contacting us directly, so we can give you up-to-date information. Just provide us with the original order specifications for your installed floor.

CLIMATE CONTROL

Australia's sun can be very harsh, so we recommend the use of blinds, curtains, exterior blinds/awnings or, if possible, utilising external glazing with built-in UVA and UVB protection. This will help prevent fading or discolouration. Moving rugs and furniture on a semi-regular basis will help the surface to age evenly.

RE-FINISHING

Sometime in the distant future, it may become evident that the surface finish is worn when some areas remain wet longer than other sections after cleaning, or when the base colour (stain) is disappearing.

Should this occur, we have re-finishing systems in place for recoating. However, we strongly recommend that clients first contact Crafted Hardwoods (ph: 1300 320 610) before commencing refinishing, as technologies in this area are constantly improving and evolving. We can also suggest specialist tradespeople, based on your location.

Thank you for choosing Crafted Hardwoods products for your project.
