

# Construction Resources



## HOLZWEG TECHNICAL SHEET H11

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### HARD OIL / HARD OIL 'P'

**Uses** *Holzweg Hard Oil* is a tough linseed oil based priming oil designed for use on heavily used porous surfaces such as stripped or bare wooden floors, doors and tabletops, toys, cork and slate. It can be used as a finish in its own right in low wear areas or as a primer for wax or varnish.

**Properties** *Holzweg Hard Oil* penetrates deeply, giving timber tough protection from within. It is water-resistant, but also moisture-permeable. It prevents long-term drying out and cracking of wood and is anti-static, being non-plastic-based.

**Containers** 125ml jars, 0.75 litre, 2.5 litre, and 10 litre tins.

**Coverage** 1 litre will cover about 10-12m<sup>2</sup> on a smooth wood surface of average absorbency.

**Preparation** The surface should be clean, grease-free, absorbent and dry. Planed wood should be pre-sanded. Dense timber of low absorbency should be primed with *Holzweg Primer*. Laminated doors, ply, etc. do not require priming; two coats of *Holzweg Hard Oil* are sufficient.

**Cork** should be primed first with *Holzweg Primer*. Low quality cork tiles, because of the high proportion of sawdust used in their manufacture, or cork tiles that have epoxy resin as a binder may not take the treatment well and may take a long time to dry. It is strongly recommend that a small sample area is tested before full treatment.

**Application** *Holzweg Hard Oil* can be applied using a brush or a spray gun. If the oil is to be used in its own right then apply two or three coats. If it is to be used under further coatings such as wax or varnish then one coat will suffice, two if the timber is exceptionally dry. One can tell the dryness of the timber by the amount of time the oil takes to soak in and by the quantity left on the surface 5 to 10 minutes after application. Quick soaking with little or no 'pooling' on the surface indicates dry timber.

Floors should be treated at least twice and, as with all oil applications, after each coat **excess Hard Oil must be carefully removed with a lint-free cloth**. On new timber, gently sand down after the first coat has dried. Allow a drying period of at least 12 hours between each coat, and at least 24 hours before adding a wax finish. Use *Holzweg Balsamic Turpentine Oil* to clean brushes and tools after use.

**Used with** *Holzweg Hard Wax,  
Holzweg Liquid Preserving Wax  
Holzweg Antique Waxes  
Holzweg Clear & Coloured Varnishes*

**Drying times** Dependent on temperature and relative humidity, Hard Oil is normally touch-dry after about 6 hours, ready for sanding after about 12 hours, and reaches final hardness after a week. Drying on cork surfaces can take longer, depending on the quality of the cork.

**Storage** Store tightly sealed in a cool but frost-free place.

**Ingredients** Organically-produced linseed oil, tung oil, coumarone resin, orange terpenes, balsamic turpentine oil, pine oil, lead-free cobalt lineate.  
*Hard Oil 'P'* – replaces the genuine turpentine with isoparaffin. This produces less odour during application but is a petrochemical derivative thereby making the 'P' variety less natural based.

**Safety** **This product is inflammable and easily ignited!** While working do not smoke or have a naked flame in the immediate area. During and after application keep the room well ventilated. Cloths soaked with Hard Oil should not be left lying around - they could self-ignite: spread them out to dry outdoors, completely unfolded, or store them away in a sealed container. Keep Hard Oil sealed and out of the reach of children. Although all the ingredients are biodegradable, any remaining oil should not be put down the drain.

**Risk class** Inflammable! GGVS Class 3.3. UN number 126.3

This technical information sheet is intended to provide guidelines for retailers and users. However, the user is responsible for testing the product on the intended surface to make sure that it is suitable for his or her requirements. This sheet was issued in August 1999 and may be superseded by later editions.

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