

# 'Cool' new coatings from Hesse Lignal



*Cool-Fill filler, Cool-Colour lacquer and Cool-Top clear base and top coat are new aqueous lacquers from Hesse Lignal.*

Hesse Lignal, the lacquers and wood stains expert from Germany, is following up on its successful Fantastic family with the new aqueous lacquer version, the Cool family. It includes the Cool-Fill filler, Cool-Colour colour lacquer and Cool-Top clear base and top coat.

As one would expect from the Fantastic family, the Cool family also masters the most demanding interior surface requirements, and in a low-emission, flame retardant and sustainable manner.

The Cool-Fill is even so easy to apply that it is eminently suitable for "experimenting" with the use of aqueous lacquers. Its superb

filling power, along with its ability to stay on vertical surfaces and good sanding properties, make it the ideal filler for achieving exquisite closed-pore finishes.

No matter whether it is re-coated using the preferred Cool-Colour or with CN or polyurethane lacquers, the combination of Cool-Fill with Cool-Colour is flame retardant according to DIN EN 13501-1 and also suitable for green building projects.

Good opacity, great scratch resistance and an especially elegant surface formation, coupled with a VOC proportion of <3%, are only some of the properties of Cool-Colour. It is suitable for priming and top coating all interior fixtures and fittings; including staircases and doors.

It can also be used for coating decorative glass surfaces after adding hydro cross-linker.

An ideal match is achieved using Cool-Top clear base and top coat. Its good chemical and mechanical resistance, in association with its simple application and good sanding properties, facilitate the switch to aqueous lacquers – even for convinced polyurethane enthusiasts.

Added to that, it contains <3% VOC, is flame retardant and can be used on all interior furniture, fixtures and fittings. It is even suitable for the creak-free coating of staircases, for green building projects or for coating children's toys and furniture, since it has been tested according to DIN EN 71-3 and DIN 53160-1 /-2.

## Breathing wood

Oiled surfaces are breathable. They absorb air humidity and release it again, thus ensuring a healthy indoor climate. The demand for ecological surfaces for high-quality furniture, stairs, parquet floors and other furnishings made of real wood is unbroken.

Hesse-Lignal has put together an extensive oil programme. From classic natural oil to coloured oils, oils with modified alkyd resins to raw wood effect oil, there is something for every application. Hesse deliberately refrains from using compounds containing cobalt, butoxime and biocidal agents.

A highlight from the Hesse oil programme is the new Wetprotect-Oil. It is natural oil mixed with modified alkyd resins that impregnates the wood fibre particularly well to protect the substrate even better from the effects of moisture.

The low-viscosity oil has excellent penetration properties and causes the wood to light up well. In addition, the oiled surface is anti-static. Wetprotect-Oil ▶



*Wetprotect-Oil is a natural product mixed with alkyd resins to protect substrates from the effects of moisture.*

can be used for stairs, kitchen and bathroom furniture and on all common types of wood. It is especially recommended for use in damp rooms.

The oil is applied generously with a spatula, brush, roller or fine abrasive fleece. After an appropriate reaction time, the excess is removed. Depending on whether Wetprotect-Oil is used on its own or in combination with other Hesse oils, it is applied once or twice.

Wetprotect-Oil is deco-paint compliant, vegan and fulfils the requirements of DIN EN 73-1 (safety of toys), DIN 53160 part 1 and 2 (saliva and sweat resistance).

**Bare basics**

The top favourites in interior surface design are currently natural matt surfaces, a bare wood effect, or the Scandinavian style. Customers want to feel the wood and use all their senses to enjoy the intensity of its surface.

So the wood should not be accentuated and should retain its natural matt appearance. Hesse has a solution for this: Fantastic Natura. It is a polyurethane multi-coat lacquer that is a perfect addition to the Fantastic family.

The entire range only needs to be hardened using one hardening component. Should a different gloss level be required, then it can also be used as a base coat beneath Fantastic Clear or Fantastic Clear Ultramatt.

The surface is fully transparent once it has dried. More extensive surfacing projects can be realised in a process-oriented manner. Larger surface areas can be coated using Fantastic-Natura without the formation of cloudiness.

Fantastic Natura also scores highly in terms of its chemical and mechanical resistance. Its flame retardance is certified according to DIN EN 13501 and DIN 4102 B1. It also enjoys IMO certification and is permitted for use on seagoing vessels. It meets DIN EN71-3 relating to coatings on children’s toys and ISEGA regarding use on surfaces in contact with food.

*For more information visit [www.hesse-lignal.com](http://www.hesse-lignal.com).*

*Fantastic Natura is a polyurethane multi-coat lacquer that gives the feel-the-wood feeling.*

