

# Technical data sheet

HDE 54500

Mixing ratio (by volume): 10 : 1 HYDRO Hardener HDR 5091



Hesse Lignal  
inspiring you

## >General information

Colour	weiß
Gloss level 60° (Gloss +/-5)	2
Gloss level designation	dull matt
Form of delivery	fluid
Product type	Multi-coat lacquer
Order number	HDE 54500
Effects	Natural wood effect
Chemistry	HYDRO-PUR lacquers
Colourfulness	clear
Function	finishing and multicoat lacquers

## >Areas of application

Substrate material	Dark, fine pored hardwood, dark deciduous woods with coarse pores, light deciduous woods with fine pores, light deciduous woods with coarse pores, Conifers
Area of application	Shopfitting, Trade fair construction, Panels, Door frames, Residential

## >Mixing information

Mixing ratio (by volume)	10 : 1 HYDRO Hardener HDR 5091
Mixing information (gravimetric)	100 : 11 HYDRO Hardener HDR 5091
Equipment cleaner	HV 6904, HV 6917,

## >Application

Treatment	2C line, Airless, Airless low pressure, Airmix, Compressed air spraying
Working Temperature Range	18 - 22 °C
Number of coats (max)	2
Amount per layer (minimum)	80 g/m <sup>2</sup>
Amount per layer (max)	100 g/m <sup>2</sup>
Total application volume	200 g/m <sup>2</sup>

## >Times

Pot life	2 h / 20 °C
Usage time	2 h / 20 °C
Drying	3 h / 20 °C
Stackable after	16 h / 20 °C
Complete drying	7 d / 20 °C

## >Technical data

Proportion of renewable raw materials	11.37 %
Flow time (+/- 15%)	50 s / DIN4
Appearance	colourless
Decopaint basis	wb
Decopaint category	J
Density	1.028 kg/l
Flashpoint (min)	60 °C
Non-volatile proportion	29.6 %
PH	7.7
VOC EU	5.2 %
VOC FR	C

## >Others

Shelf life in weeks	52
Storage temperature	10 - 30 °C
conditions of transport	10 - 30 °C
Working Temperature Range	18 - 22 °C

### Particular instructions:

The product can be used on surfaces that have been bleached with hydrogen peroxide and thoroughly dried. Pre-priming on tanning-rich woods such as oak with HDG 5410. Beware! Do not sand through the basecoat as there is a risk of staining.

Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The indicated values are no specification, but typical product data. The latest version is always available online at [www.hesse-lignal.de](http://www.hesse-lignal.de) or talk to your local account manager. This information is for advice and is based on the best knowledge available and careful research in line with the current state of the art. This information cannot be held as legally binding. We also refer you to our terms and conditions of business. Material safety data sheet is provided in accordance with EC regulation no. 1907/2006.