



>Product description

CL stains are solvent-based stains. Sophisticated stain appearances can be achieved on a variety of woods by the use of fine-particle pigments and dyes. The advantage of solvent-based stains is their fast processing and low level of roughening the wood. Specifically formulated for mahogany.

>Areas of application

For staining and subsequent coating of furniture, stairs and doors in industrial and craft applications. These stains can be sprayed and then wiped.

>Surface Preparation

Surface preparation	The wood must be dry, dust-free and grease-free.
Substrate sanding grits from-to	120 - 240
Comments on sanding	A graduated raw wood sanding is recommended. The quality of the sanding is decisive for the quality of the final result.

>Finishing

Finishing	You can apply matching Hesse CN, PU or RSE lacquers or Protterra products by spraying, rolling, brushing or flow coating after at least 2 h drying. Finishing with a matching 1C or 2C HYDRO or HYDRO-UV lacquer by spraying or flow coating is possible after 6 h drying.
-----------	--

>Times

Drying	1 h / 20 °C
--------	-------------

>Application

Application	Nozzle size in mm	Spray pressure in bar	Atomising pressure in bar
Spraying			
Airless low pressure			
Air mix	0,23 - 0,28 mm	10 - 60 bar	1,0 - 2,5 bar
Compressed air spraying	1,0 - 2,0 mm	1,5 - 2,0 bar	
Wiping with a cloth			

>Processing instructions

Apply stain by spraying or with a brush with excess. Remove the excess evenly first crosswise to the grit then along it using gauze bales. Stir stains well before and during processing. All stains from the same range can be mixed with one another. Can be tinted with colour concentrates in the range: CF 50xx, CP 76xx, CP 70xx . We recommend small spray nozzle sizes for stains that are to be sprayed but not subsequently wiped. Although large spray nozzle sizes are recommended when spraying stains that are subsequently to be wiped.



>Technical data

Flow time (+/- 15 %)	60 s / DIN EN ISO 2431 - 3 mm
Appearance	glazing
Density series kg/l	0.897 - 0.945
Yield per coat	12 - 18 m ² /l The spreading rate is heavily dependent on the type of application. The specifications relate to a liter of ready-for-use product, if necessary including hardener and thinner.
Form of delivery	fluid
Non-volatile content series %	2 - 10
VOC EU %	93 %
VOC FR	C
Storage temperature	5 - 30 °C
Shelf life in weeks	52
Working temperature	20 °C
Number of coats (max)	1
Amount per layer (minimum)	50 g/m ²
Amount per layer (max)	80 g/m ²
Total application volume	80 g/m ²

>Ordering information

Order number	Colour tone	Gloss level 60° (Gloss)	Container Size
CL 15-7376	MAHAGONI DUNKEL	-	1 l, 5 l, 25 l
CL 15-7377	MAHAGONI HELL	-	1 l, 5 l, 25 l

>Thinners

Order number	Product description	Container Size
CV 326	Thinner for solventbased stain	5 l, 15 l, 25 l

>Retarder

Order number	Product description	Container Size
CV 555	Thinner for solventbased stain	1 l, 5 l, 15 l, 25 l

>Equipment cleaner

Order number	Product description	Container Size
RV 1	Cleaning thinner	5 l, 15 l, 25 l

>Particular instructions

Lighten by adding: CV 326. Can be tinted with colour concentrates in the range: CF 50xx, CP 70xx, CP 76xx. Stains on the XBK 6 stain card are adjusted for oak and mahogany. Hesse stains are matched to each type of wood in terms of colour tone and application. Additional types of application and woods are available.

>General information

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 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. Safety data sheet is provided in accordance with EC regulation no. 1907/2006.