

Hesse HYDRO Stain BG 200xx Stain card

>Product description

HYDRO stains BG, ready to use, environmentally friendly, for brilliant to slightly muted stain effects without distinctive emphasis of the pores. Can be used on almost all types of wood.

>Areas of application

For staining and subsequent coating of furniture, stairs and doors in industrial and craft applications. Suitable for various application methods, such as spraying or brushing. For use on various woods such as oak, beech, walnut, cherry, mahogany and maple.

>Surface Preparation

Surface preparation	The wood must be dry, dust-free and grease-free.
Substrate sanding grits from-to	120 - 180
Finishing	Recoat after at least 2 h drying time with Hesse CN or PU lacquers by spraying, rolling, brushing or curtain coating. After 6 h drying, can be coated with the next coat of suitable 1C or 2C HYDRO lacquers such as HYDRO TOP-SIEGEL HE 6509x(gloss level) or HYDRO-PUR PRIMO HDE 5400x(gloss level) by spraying or flow coating.
Comments on sanding	The bare wood can optionally be dampened. After drying overnight, sand or smooth.

>Times

Drying	6 h / 20 °C
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>Application

Application	Nozzle size in mm	Spray pressure in bar	Atomising pressure in bar
<i>Manual application -all</i>			
Spreading			
<i>Roller coating</i>			
Smooth roller			
Wiping sponge roller			
Non-wiping sponge roller			
<i>Spraying</i>			
Airless	0,23 - 0,28 mm	10 - 60 bar	
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	
Brush application			

>Processing instructions

Application of stain on coarse-pored woods such as oak, walnut, mahogany or ash: apply using a spray gun or brush on with a slight excess. Evenly spread the excess first across then with the grit using a suitable brush. On fine-pored woods such as beech, maple or cherry, we recommend fine spraying with spray gun (nozzle 1.0 to 1.2 mm) without wiping. Stir stains well before and during processing. 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.

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>Technical data

Flow time	34 s / DIN EN ISO 2431 - 3 mm
Appearance	glazing
Density series kg/l	1.003 - 1.022
Form of delivery	fluid
Non-volatile content series %	0.6 - 4.7
VOC EU %	0 %
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)	30 g/m ²
Amount per layer (most)	80 g/m ²
Total application volume	100 g/m ²

>Ordering information

Order number	Colour tone	Container Size
BG 20000	20000	1 l, 5 l, 25 l
BG 20001	20001	1 l, 5 l, 25 l
BG 20002	20002	1 l, 5 l, 25 l
BG 20003	20003	1 l, 5 l, 25 l
BG 20004	20004	1 l, 5 l, 25 l
BG 20005	20005	1 l, 5 l, 25 l
BG 20006	20006	1 l, 5 l, 25 l
BG 20007	20007	1 l, 5 l, 25 l
BG 20008	20008	1 l, 5 l, 25 l
BG 20009	20009	1 l, 5 l, 25 l
BG 20010	20010	1 l, 5 l, 25 l
BG 20011	20011	1 l, 5 l, 25 l
BG 20012	20012	1 l, 5 l, 25 l
BG 20013	20013	1 l, 5 l, 25 l
BG 20014	20014	1 l, 5 l, 25 l
BG 20015	20015	1 l, 5 l, 25 l
BG 20016	20016	1 l, 5 l, 25 l

>Particular instructions

All stains from the same range can be mixed together. Lighten by adding water. Can be tinted with colour concentrates in the range: BF 10xx, BP 30xx, BP 3570. Priming with HYDRO lacquers can result in discolorations when using wood species with a high proportion of water-soluble wood constituents (e.g.oak). We therefore recommend a PU base coat, especially in the case of pastel or white colour tones.

>General information

Trial staining of the original sanded wood with original lacquering should be carried out under real conditions. Only use stains from one batch for any one job. Do not pour soiled stains back into the original container. Clean tools with water immediately after use. Dried-on stain residue can be removed with thinners such as ZD 82.

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.