

Product description

The PICEA Softwood stain WN produces brilliantly clear stain images with a positive effect. The colour of the dark rings in the softwood are enhanced. The stains are universally applicable in solvent- and water-based lacquer systems.

PICEA Softwood stains WNS also contain pigments for white to pastel-coloured colour tones under PUR lacquers. Dyes from the latest generation produce glowing and light-stable stain images. However, the stain colour card XBK 7 with 15 beautiful softwood colour tones for colour consultations with your customers completes the offer

Areas of application

PICEA positive stains are used on European softwoods like pine, fir and larch. A significantly positive effect is achieved on sanded, brushed and hewn wood, just as desired on interior fittings and in furniture making.



Area of application

- Internal fit-out
- Furniture

Substrate material

- Conifers

Surface Preparation

Surface preparation	The wood must be dry, dust-free and grease-free.		
Substrate sanding grits		100 - 120	
Comments on sanding		The bare wood can optionally be dampened. After drying overnight, sand or smooth.	

Application

Application		Spray nozzle size	Spray pressure	Atomizing pressure
Compressed air spraying		1 - 2 mm	1,5 - 2 bar	

Times

Drying		4 h / 20 °C
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Finishing

Finishing	Stains in the WN range can be coated with suitable PU or HYDRO lacquers, as opposed to stains in the WNS range with PU lacquers. The first coat must be completely dry before the next coat is applied. Low temperatures, low air exchange, high humidity and large application quantities all inhibit drying.
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For more information on Order information, please visit our website, contact our account managers and field service representatives, or contact your specialist dealers.

Technical information

Hesse PICEA Softwood stain WN / WNS (colour tone)













Processing instructions

Apply lightly and evenly by spraying without spreading. Do not forcibly dry. Stir stains well before and during processing.

Particular instructions

Saponify resinous woods (e.g. pine, red pine) with Hesse wood soap HBV 243 before staining. All stains from the same range can be mixed with one another.

Technical data

Flow time (+/- 15%)	 60 s / ISO3
Yield per coat	 13 - 21 m²/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.
Proportion of renewable raw materi-	 0 %
Non-volatile proportion	 14.7 - 18.4 %
VOC FR	C
conditions of transport	 10 - 30 °C
Shelf life in weeks	 26
Number of coats (max)	 1
Amount per layer (minimum)	 50 g/m²
Amount per layer (max)	 80 g/m²
Total application volume	 80 g/m²

Sample process

Pine/fir cupboard wall unit, dull matt

Stain: 1 x 50 g/m² Hesse PICEA Softwood stain WN 20103

Basecoat: 1 x 100 - 120 g/m² Hesse PU Multicoat lacquer DA 408-0, mixing ratio (by volume) 10 : 1 with PU Hardener DR 470

Intermediate drying: 30 - 60 min / 20 °C

Lacquer sanding: 280 - 320 grit (dust removal)

Top coat: 1 x 100 - 120 g/m² Hesse PU Multicoat lacquer DA 408-0, mixing ratio (by volume) 10 : 1 with PU Hardener DR 470

Packable: after at least 16 h / 20 °C

General instructions on workmanship

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.

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

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