

ISO-HDF 


# Holzdeckenfarbe

Wooden ceiling paint

**Interior****Premium wooden ceiling paint with outstanding insulating and adhesion properties**

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**General description**

Type of material:	Water-based primer and top coat on cationic acrylic dispersion base
Applications:	<p>1 - tin system with good coverage for new and renovation coatings on interior softwood, hardwood or tropical wood ceilings and materials based on wood such as chipboard, OSB and MDF boards, laminated and veneered decorative boards and panelling. <b>Suitable for damp rooms</b> (kitchen, bathroom and WC).</p> <p>Tested in accordance with DIN EN 71-3:2021-06 Safety of children's toys and DIN 53160 Parts 1 and 2 Resistance to sweat and saliva.</p>
Product properties:	<p>Water-based, odourless, with excellent insulating and sealing properties. Excellent adhesion. Excellent coverage. High degree of whiteness. Isolates wood ingredients in softwoods, hardwoods and tropical woods. Blocks staining by wax, tar, smoke, soot, grease and nicotine stains, also dried water stains. Excellent adhesive properties even on difficult substrates and suitable for damp rooms (kitchen, bathroom and WC).</p> <p>Water stains and veneer glues may contain ingredients such as dyes that cannot be isolated with water-dilutable systems such as ISO HDF.</p>
Colour shade:	<p>White</p> <p>Light and medium colours can be mixed using the Jansen MIX System</p> <div data-bbox="579 1731 659 1830" data-label="Image"></div>
Packaging sizes:	750 ml, 2,5 l, 5 l

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**Technical data**

Binder base:	Cationic dispersion
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Pigment base	Titanium dioxide
Density:	White, ca. 1.265 g/cm <sup>3</sup>
Degree of gloss:	Semi-matt, matt
Applications:	Interior
Viscosity:	Slightly thixotropic
Thinners:	Water, only slightly. Adding too much will reduce the isolating property.
Application temperature:	Substrate and ambient temperature must be between +7°C and +30°C.
Drying:	(23°C, 60% rel. humidity) Dust-dry: 30 minutes Dry to the touch: ca. 90 minutes 2nd coat after 5 to 6 hours Drying times significantly longer at > 80% humidity. Make sure that the evaporating water can as quickly as possible leave the room. Coatings that remain wet for too long may still draw substances from the substrate.
Spreading rate:	approx. 8 – 12 m <sup>2</sup> /l per layer, depending on substrate
GISCODE:	BSW20

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**Method of application**

## Substrate preparation:

The substrate must be stable, dry, clean and with no separating substances (oil, grease, wax).

**Never pre-clean with alkaline cleaners.**

**Reason: the isolating effect is based on low pH values; alkaline cleaners with a high pH value will therefore impair the isolating effect and the binder.**

Untreated wood: remove protruding wood fibres by gentle sanding (180-220 grit). Maximum wood moisture content 12%.

If necessary, wash laminated decorative panels using warm water and a little rinsing agent (no lyes) and, when dry, lightly sand to a matt finish using sanding fleece.

If necessary, wash veneered decorative panels using warm water and a little rinsing agent (no lyes) and, when dry, lightly sand to a matt finish using sanding fleece. Do not sand excessively or even through the surface of existing coatings.

Pre-treat chipboard and OSB boards: as you would untreated wood.

Check existing coatings: for adhesion by means of cross-cutting and chip tests (VOB [German Construction Contract Procedures], Part C, DIN 18363). Carefully clean sound existing coatings (do not pre-clean with alkalines) and lightly sand with a sanding fleece until matt. Completely remove damaged and peeling old coatings.

Prime ferrous metals such as nails and screws using Jansen Sprint 5, to protect against rust.

Fill < 1 mm damaged areas with Jansen Fine Filler Rapid. For damaged areas > 1 mm, use Jansen 2-component PE Fine Filler SR.

## Coating structure

Jansen ISO-HDF PRO wooden ceiling paint is supplied ready-to-use and may, depending on application, be diluted using up to 10% water.

**Suitable for damp rooms (kitchen, bathroom and WC).** Untreated wood: 2 liberal coatings of 120 ml / m<sup>2</sup> will normally suffice. A third coat may be necessary if the coatings are thinner or should short-pile rollers be used.

Laminated decorative panels: 2 coats, undiluted.

Veneered decorative panels: 2 to 3 coats, undiluted.

Chipboard and OSB boards: coat as for untreated wood.

Old coatings: 1 – 2 coats, undiluted.

**Apply trial coatings before actual application.**

**Ensure batch uniformity should several containers be needed for final coatings.**

Ensure that the preparation of substrates and the coating itself are state of the art. Please in this respect also note the BFS [German Federal Commission for protection of paint and material assets] Data sheets and the VOB [German Construction Contract Procedures], Part C, DIN 18363, Painting and Coating, each as updated.

Final coating:

Jansen ISO-HDF PRO Wood Ceiling Paint is a primer and top coat all in one product and therefore does not need to be overcoated with other products.

Jansen ISO-HDF PRO can also be overcoated with Jansen acrylic lacquers, should a different gloss level be needed.

Types of application:

Brushing: Use a brush with plastic bristles for painting.

e.g. Wistoba Krex or Mesko M7 or M10.

Rolling: Use short pile Aqua Felt rollers.

Spraying: dilute with max. 10% water.

**Spraying equipment must be rinsed thoroughly, since cationic binders in contact with other binders will clot. Please use Jansen cleaners for spraying equipment.**



Type	Added water	Material pressure (bar)	Pneumatic pressure (bar)	Nozzle	Spray gun ID
XVLP	10%	6 - 8	12	S.4.1	yellow
Aircoat	5%	200 bar	2 bar	11/40	///
Airless	5%	230 bar	///	410	///

Spray gun filter: yellow (100 mesh)

Types of application:



Type	Added water	Material pressure (bar)	Pneumatic pressure (bar)	Nozzle
Easymax WP II	0%	10	///	309
Aircoat	0%	140	1	309
Aircoat	0%	140	1	310
Aircoat	0%	140	1	412
Airless	0%	220	///	412

Spray gun filter: 100 mesh  
Check filter after every 4 hours

Type	Added water	Material pressure (bar)	Pneumatic pressure	Nozzle
High pressure	5%	///	3 – 5 bar	1.8 – 2.0 mm
Fine coating	5%	///	0.48 bar	1.8 mm

The above tables were compiled based on controlled conditions. Larger areas may require nozzles with bigger bores and/or wider spraying angles. This must be tested on the object itself.

Cleaning your tools:

As soon as possible, with water. Clean intermittently if used for longer or with more breaks. Do not allow paint to dry.

Storage:

Cool, dry and protected from frost. Reseal opened containers well and briefly turn upside-down.

VOC value:

EU limit for this product (Cat. A/d): 130 g/l VOC  
This product contains max. 30 g/l VOC.

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**Marking**

Please note our current Safety Data Sheet, on the Internet at [www.jansen.de](http://www.jansen.de)

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The technical information has been compiled based on state-of-the-art technology. No liability will, however, be accepted for the general validity of individual recommendations, since actual application and processing are not under our control and since the variable nature of substrates would for each case require a specific method of application, considering specific technical and practical aspects. These recommendations will not absolve the customer from his responsibility to test the supplier's products for suitability for his intended use. The "General Delivery and Payment Conditions of the Paint Industry" as per recommendation approved by the Federal Cartel Office on 1 January 2018 will be applicable. The publication of this Data Sheet shall render all previous Data Sheets for this product invalid.

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