

ISO-HDF Holzdeckenfarbe

-Wood Ceiling Paint-

Interior

Premium Wood Ceiling Paint with excellent adhesion / insulating properties

General Description

Type of material:	Water-based primer and top coat on acrylate dispersion base
Range of uses:	Covering I-tin system for new and renovation painting of interior wooden ceilings made of coniferous, deciduous or tropical wood and wooden composites such as chipboard, OSB boards, MDF boards, as well as laminated and veneered decorative boards.
Product properties:	Water-based, odourless, with good insulating and sealing effect. Excellent adhesion. Good coverage, high whiteness. Insulates wooden components in coniferous, deciduous and tropical woods. Blocks breakdowns in the case of stains with wax, tar, smoke, carbon black, grease and nicotine as well as dried water spots. Water stains and veneering glues may contain ingredients such as dyes which cannot be isolated with a water-dilutable system such as ISO HDF.
Colour shade:	White
Packaging sizes:	750 ml, 2,5 l, 5,0 l, 10 l on request

Technical Data

Binder base:	cationic dispersion
Pigment base:	titanium dioxide
Density:	ca. 1,460 g/cm ³
Degree of gloss:	silk-gloss, matt
Tinting colours:	May be tinted to max. 1 % tinting concentrate, adding tint reduces insulation and increases viscosity.
Field of application:	interior
Viscosity:	slightly thixotropic

Thinner:	small quantity of water. Generous addition reduces the insulating effect.
Processing temperature:	Substrate and ambient temperatures may not fall below +7 °C and not exceed 30 °C.
Drying:	(23 °C 60 % rel. air humidity) dust-dry: ca. 30 minutes touch-dry: ca. 90 minutes 2nd coat after 5-6 hours. Air humidity above 80 % considerably extends the drying period. It must be ensured that the evaporating water is able to quickly exit the room. Coatings which remain wet too long can still draw substances out of the substrate.
Spreading rate:	ca. 8 – 12 m ² /l per coat, depending on the substrate
GISCODE:	BSW20

Method of processing

Substrate preparation:	<p>The substrate must be portative, dry, clean and free of separating substances (oil, grease, wax). Do not use any alkaline cleaners.</p> <p><u>Rough wood</u>: remove any protruding wood fibres by gentle sanding (grain size 180-220). Maximum wood moisture content 12%.</p> <p><u>Laminated decorative panels</u>: if necessary, wash with warm water and a little rinsing agent (no l yes) and after drying, burnish it to a light matt with a scouring pad.</p> <p><u>Veneered decorative panels</u>: if necessary, wash with warm water and a little rinsing agent (no l yes) and after drying, burnish it to a light matt with a scouring pad.</p> <p><u>Chipboard and OSB boards</u>: pre-treatment as with rough wood.</p> <p><u>Old coatings</u>: check adhesive strength by means of cross-cut test and splint test (VOB, Part C, DIN 18363). Intact old coatings to be carefully cleaned (substrates should not be precleaned using alkaline media) and burnished to a light matt with a scouring pad. Damaged and flaking old coatings to be entirely removed.</p>
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Ferrous metal such as nails and screws to be primed with Jansen Rust Primer

Flaws of < 1 mm to be filled with Jansen Fine Filler Rapid.

For flaws > 1 mm, use Jansen 2-Component PE Fine Filler SR.

The preparation of the substrate and painting must be scientifically and technically state of the art.

Please also take note of the current BFS data sheets and the VOB (German Construction Contract Procedures), Part C, DIN 18363 Painting and Coating work.

Application:

The Jansen ISO-HDF Wood Ceiling Paint is supplied ready for use and, depending on application, may be diluted with max. 10% water.

Not suitable for coatings in damp environments.

Rough wood: 2 – 3 coats. 1st coat may be diluted with max. 3 % water. All further coats undiluted.

Laminated decorative panels: 2 coats, undiluted.

Veneered decorative panels: 2 to 3 coats, undiluted.

Chipboard and OSB boards: application as with rough wood.

Old coatings: 1–2 coats, undiluted.

Before application, carry out a trial coating.

If several containers are used to apply the final coat, ensure batch uniformity.

Final coating:

Jansen ISO-HDF Wood Ceiling Paint is primer and top coat in one product and, therefore, does not require a further coating.

If an alternative degree of gloss or a different shade or a higher durability at the surface is required, Jansen ISO-HDF may also be reworked with Jansen alkyd or acrylic coatings.

Methods of application:

brush: use brush with synthetic bristles.

roller: use roller with short-pile mohair roller.

spray: dilute with max. 10 % water.

Spraying equipment must be rinsed thoroughly, since cationic binders in contact with other binders will clot. Please use Jansen Sprayer Cleaner.

Methods of application:



Type	Water addition	Material pressure (quantity)	Air pressure (quantity)	Nozzle	Pistol identification
XVLP	5-10%	8 - 9	100%	S.4.1	yellow
Aircoat	5%	200 bar	2 bar	11/40	///
Airless	5%	230 bar	///	410	///
Airless	0%	200 bar	///	410	///

Pistol filter: yellow (100 mesh)

Temp spray 60 °C



Type	Water addition	Material pressure (quantity)	Air pressure (quantity)	Nozzle
Easymax WP II	0%	10	///	309
Aircoat	0%	140 bar	1 bar	309
Aircoat	0%	140 bar	1 bar	310
Aircoat	0%	140 bar	1 bar	412
Airless	0%	220 bar	///	412

Pistol filter: 100 mesh

Check filter every 4 working hours

Type	Water addition	Material pressure (quantity)	Air pressure	Nozzle
High pressure	5%	///	3 - 5 bar	1,8 - 2,0 mm
Fine coat	5%	///	0,48 bar	1,8 mm

The aforementioned tables are the result of technical laboratory conditions. On larger surfaces, it may be expected that nozzles with larger bores and/or wider angles of spray are to be applied. Trials must be carried out on the appropriate object.

Cleaning your tools:

as quickly as possible with water. If used over a longer period and with breaks in work, to be periodically cleansed. Do not permit coating to dry on the tools. For cleansing of tools with dried material, Jansen SR-Plus is particularly suitable (cleaning agent from an aerosol can).

Storage:

cool, dry and frost-free. Re-seal Opened packaging well and briefly turn upside down.

VOC-Value: Threshold value (Cat.A/d): 130g/l VOC
This product contains max. 30g/l VOC

Identification Marking: Please take note of our updated Safety Data Sheet available on the Internet at www.jansen.de

The technical information was compiled in accordance with the latest state of the art. An obligation for the general validity of the individual recommendations cannot, however, be accepted as the application and processing methods do not lie within our influence and the varying states of the substrates each require a decision as to the method of working suitable for workman and trade. The recommendations do not release the customer from the task of accepting responsibility for checking the products of the supplier company as to their suitability for the foreseen use. Applicable are the "General Terms and Conditions of Delivery and Payment in the Paint Industry" in the recommendation approved by the Federal Cartel Office (Bundeskartellamt) on 1. January 2018. On publication of this data sheet, all previous data sheets for this product become invalid.

USt-IdNr.: DE147923895