

# Protect-Gel

## **Thixotropic intermediate coating glaze For external and internal use**

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### **General description**

Type of material:	Thixotropic, solvent-based, open-pore, high-solid, film-forming intermediate coating glaze containing special oils.
Applications:	Single-pot system; ready for use for initial and re-coating of raw, weathered, glazed and colourless coated wood surfaces. Jansen Protect-Gel can be applied to fully dimensionally stable (doors, window frames) and less dimensionally stable timber structures (soffits, facade cladding, wooden ceilings, pergolas, garden sheds, fully timbered houses, balcony cladding, carports, handrails etc.).
Product properties:	Jansen Protect-Gel combines the positive characteristics of special oils and thixotropic effects. It is non-drip, penetrates deeply into wood surfaces and can readily be applied to sites above the head. Jansen Protect-Gel provides excellent edge covering. It is solvent-based, open-pored, extremely hard-wearing, block-resistant, weatherproof, biocide-free and provides a high level of protection against UV radiation due to the presence of micronised iron oxide pigments.
Shades:	Colourless (*), Pine, Light Oak, Teak, Walnut, Rosewood. *The lack of coloured pigments in this product mean that <b>Protect-Gel Colourless</b> should only be used together with a coloured glaze otherwise no protection against UV radiation will be provided.



The shades White, Old Pine, Ash and Dark Oak can be specially prepared and supplied by us in response to orders.

Please note it is possible to prepare glazes in all shades on-site using a Jansen paint blender.

Glazes in shades prepared using a paint blender have a best before date of 12 months from date of preparation.

Prior to use, verify shades for accuracy of hue. The intrinsic colouring of the wood surface can influence the shade of the glaze.

Packaging sizes: 750 ml, 2.5 l, 5 l (available only for Colourless)

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**Technical data**

Binder base:	Alkyd resin, special oils
Density:	Approx. 0.900 – 0.930 g/cm <sup>3</sup> depending on colour shade
Gloss:	Satin gloss
Viscosity:	Thixotropic
Drying:	(23°C at 60 % rel. air humidity) Dust-dry: After 5 - 6 hours Ready for overcoating: After drying overnight Fully dry: After 24 hours
Yield:	Approx. 10 - 12 m <sup>2</sup> /l per coat depending on substrate
GISCODE:	BSL20

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**Method of application**

Substrate preparation: The substrate must be stable, dry, clean and free of non-adhesive media (oil, grease, wax). The moisture content of the wood may not exceed 18% or, in the case of dimensionally stable wooden components, 15%. In the case of raw, blue stain-susceptible outdoor wood components, first apply a coat of Jansen Woodprimer WV. (see Technical Bulletin and the table in section 2.1.4. of BFS No. 18) Ensure appropriate wood structure protection is retained (edge-rounding, inclination, no horizontal surfaces, etc.). Carefully sand down any old existing intact coatings. Remove inadequately adhering old coatings completely and treat the revealed substrate as raw wood.

Ensure that the preparation of substrates and the application of the glaze conform to current standards. For more information in this respect, please see the BFS [German Federal Commission for protection of paint and material assets] data sheets and VOB [German Construction Contract Procedures], Part C, DIN 18363, Painting and Coating.

**Product structure:** Jansen Protect-Gel is ready for use. Do not dilute the glaze even if it is being used as a primer. It is advisable to apply, in addition to a primer coat, at least two further coats to outdoor components; as a rule, two coats will be sufficient in indoor situations. The thickness of coats may influence colour shade. The various colour shades can be combined with each other. On use in combination with the Colourless variant, shades can be up to 10% lighter.

Please see the corresponding Technical Bulletin for the wood in question prior to application to tropical wood components. We would recommend use of our water-based Jansen High-Grade Wax for application to larger indoor surface areas. Avoid application during direct exposure to strong sunlight. Do not apply to surfaces at temperatures or in the presence of ambient temperatures of under 5°C or exceeding 30°C.

**Apply a trial coating before actual application.**

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

**Test extent of drying after 24 hours at the earliest.**

**Form of application:** Can be applied using a brush, roller

**Cleaning your tools:** Use turpentine substitute

**Storage:** Keep in a cool, dry place protected from frost. Closely seal containers with residue after use and briefly invert.

**VOC value:** Threshold value for this product (Cat. A/e):  
400 g/l VOC (2010).  
This product contains a maximum of 400 g/l VOC.

**Important information:** Solvent-based glazes have a typical paint-like odour that may still be detectable after drying.

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**Marking** Please see our current safety data sheet online at [www.jansen.de](http://www.jansen.de)

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This technical information has been compiled based on current technological standards. However, we can provide no guarantee for the general validity of individual recommendations since actual application and processing are not under our control and the variable nature of substrates mean that specific technical and practical factors will determine appropriate methods of application in each case. These recommendations do not absolve the customer from their responsibility to test the supplier's products for suitability for the 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 apply. The release of this data sheet invalidates all previous data sheets for this product.

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