



HK Stain

Decorative, solvent-based premium wood preservative stain for exterior wood



Colour	Availability					
	Quantity per pallet	672	200	96	30	22
	Packaging unit	3 x 0,75 l	2 x 2,5 l	1 x 5 l	10 l	20 l
	Type of container	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket
	Container code	01	03	05	10	20
	Art. no.					
pine/larch (RC-260)	2250	■	■	■	■	■
teak (RC-545)	2251	■	■	■	■	■
ebony (RC-790)	2252	■	■	■	■	■
chestnut (RC-555)	2253	■	■	■	■	■
fir green (RC-960)	2254	■	■	■	■	■
mahogany (RC-565)	2255	■	■	■	■	■
rosewood (RC-720)	2256		■	■	■	■
walnut (RC-660)	2260	■	■	■	■	■
clear	2261	■	■	■	■	■
pine (RC-270)	2262	■	■	■	■	■
rustic oak (RC-360)	2263	■	■	■	■	■
light oak (RC-365)	2264	■	■	■	■	■
hemlock (RC-120)	2266	■	■	■	■	■
white (RC-990)	2268	■	■	■	■	■
salt green (RC-965)	2292	■	■	■	■	■
special colours*	2267		■	■	■	■
*Minimum order 2.5 l						



Application rate



Preventive action against blue stain at 205-250 ml/m²

Practical experience has shown that at least two coats are required to achieve this application quantity

Planned or very thick woods are less absorbent and may require a third coat

Range of use



- For use on exterior wood
- Wood which is not in ground contact, in accordance with DIN EN 335-1, use classes 2 and 3
- Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Dimensionally stable wood building elements (when used as a primer only): e.g. windows and doors
- Primer, intermediate and finishing coats
- Not suitable for coating floors (terraces, wooden decking, etc.)
- Containers > 5 litres are only suitable for distribution to professional users

Property profile



- 3 in 1: impregnation, priming and stain
- [EG_HL_34]
- [EG_HL_35]
- [EG_HL_36]
- [EG_HL_37]
- Reduces the risk of rot when used in conjunction with constructive wood protection measures
- Increased solids content provides protection against nesting wasps
- [EG_HL_38]
- Subsequent treatment without sanding
- Low-build stain
- Brilliant colours
- Does not flake
- All colours are mixable with one another

Characteristic data of the product

Binder	Alkyd resin
Density (20 °C)	Approx. 0.87 g/cm ³
Viscosity (20 °C)	Approx. 80 s ISO 2431/3 mm
Pigmentation	Light-fast, highly transparent pigments
Flash point °C	> 60 °C
Odour	Solvent-like, odourless once dry
Degree of gloss	Silk matt

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [Farbtonkarte](#)
- [Farbtonkarte Grey Protect](#)

Possible system products

- [Long Life Stain UV \(2234\)](#)
- [End Grain Sealer \(1900\)](#)

Preparation

- **Substrate requirements**
Dimensionally stable wood building elements: wood moisture content 11-15%



Wood building elements with limited or no dimensional stability: wood moisture content max. 18%

■ **Substrate preparation**

Completely remove old coatings (e.g. paints or medium-build stains), bark, bast and dirt. Remove loose and torn knots as well as resin that bleeds and clean with a suitable product (e.g. V 101 thinner, thinner & brush cleaner). Smooth, planed wood surfaces should be sanded and dusted before the coating is applied to ensure better absorption. Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".

Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C

Stir well.

Private users: Application by brush.

Professional operations: Application by brush, dipping, flow coating; spraying only in closed facilities.

Apply in the direction of the grain.

Apply a second coat once the first has dried.

On oak an additional, clear base coat is recommended.

Seal opened containers well and use contents as soon as possible.

Tips on use



Check colour, adhesion and compatibility with the substrate by setting up a trial area. If the surface is overcoated with other products it is recommended to test the adhesion to the substrate.

Clear, white and hemlock are suitable for use only on not directly weathered surfaces in outdoor areas, such as roof eaves, or as base coat.

Rainfall may cause water soluble substances to bleed from wood that is rich in such substances, e.g. oak, red cedar, afzelia, redwood, etc. This may lead to the discolouration of light-coloured masonry or render.

Seal end-grain surfaces with the corresponding colour of Long Time Stain UV or Window & Door Stain (apply at least 2 coats).

Cut end-grain surfaces at the bottom to create a water-drip edge.

Each layer of medium-build stain results in a more intense colour and a glossier finish.

■ **Drying**

Approx. 12 hours at 20 °C and 65 % relative humidity.

Low temperatures, poor ventilation and high humidity delay drying.

Even once the coating is sufficiently dry for handling, less volatile solvents may cause surface to feel clammy to the touch over several days!

This property does not constitute a flaw!

The evaporation of these solvents can be accelerated by the ensuring the highest possible air exchange.

■ **Thinning**

Ready for use

Notes

On planed larch and softwoods with a high resin content, the coating may have reduced adhesion and resistance to weathering. This is especially the case on horizontal year rings, knots and areas of winter growth that are high in resin. Maintenance and renovation must be carried out more frequently on these surfaces. The only remedy for this is pre-weathering or very coarse sanding (P80). If these wood types are rough-sawn,



considerably longer maintenance and renovation intervals are to be expected. In accordance with DIN 68800-1, wood preservation measures must be planned in a timely and careful manner in coordination with all parties involved in the construction (architect, client, contractor) taking into account legal requirements and local conditions.

Tools / Cleaning

Brush (natural bristles)



Clean tools immediately after use with thinner and brush cleaner. Ensure that any residue from cleaning is disposed of correctly.

Storage / Shelf life

Store in well-sealed, original containers, out of the reach of children and in a dry, cool, well-ventilated room which is protected from direct sunlight and frost. No smoking is permitted in storage areas.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

First aid measures

If inhaled:
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness bring patient into stable side position for transport.
If on skin:
Wash immediately with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
If in eyes:
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
If swallowed:
Do not induce vomiting; call for medical help immediately.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.
European waste code 03 02 02* organochlorinated wood preservatives

Biocidal Products Regulation

Active ingredients:
100 g of product contain 1.5 g of 3-iodo-2-propynyl butylcarbamate
Use biocides safely. Always read the label and product information before using!
Control Guidance Sheets:
BP 1081 – Preventive wood preservation – basic measures
BP 2081 – Wood preservatives: brushing, rolling, filling and wiping
BP 2083 – Application of wood preservatives in open systems
BP 2084 – Application of wood preservatives in closed systems

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (Cat. A/e): max. 400 g/l (2010)
This product contains < 400 g/l VOC.



Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.