



Long Life Stain UV

Decorative, solvent-based medium-solid stain with very high UV protection, universal for exterior wood



Colour	Availability				
	Quantity per pallet	672	200	96	22
	Size / Quantity	3 x 0,75 l	2 x 2,5 l	5 l	20 l
	Type of container	Tin bucket	Tin bucket	Tin bucket	Tin bucket
	Container code	01	03	05	20
	Art. no.				
silver grey (RC-970)	2234	■	■	■	
white (RC-990)	2235	■	■	■	
rustic oak (RC-360)	2238		■	■	
light oak (RC-365)	2239	■	■	■	■
clear UV+	2240	■	■	■	■
nutwood (RC-660)	2242	■	■	■	
teak (RC-545)	2244	■	■	■	
pine (RC-270)	2246	■	■	■	■
pine/larch (RC-260)	2247	■	■	■	■
palisander (RC-720)	2248	■	■	■	
special colours*	2237		■	■	■
*Minimum order quantity 5 l					

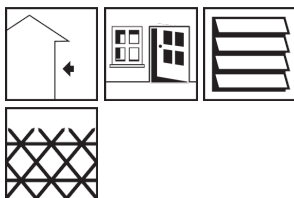
Application rate



First coat: 100 ml/m²
Second coat: 60 ml/m²

Clear UV+: 3 coats

Range of use



- For use on exterior wood
- Dimensionally stable wood building elements: e.g. windows and doors (including their interior surfaces)
- 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
- Biocide-free finishing coat for impregnated wood, e.g. garden furniture
- Clear UV+ can also be used as a sacrificial layer over pigmented stains to prevent the wood from darkening
- Not suitable for coating flooring (terraces, wooden decking, etc.)

Property profile



- Weather-resistant and UV-resistant
- High UV protection for light colours and clear UV+
- Dirt-repellent and easy to maintain
- Block resistant (in accordance with Code of Practice HO.03)
- Good flow properties
- Free from film-preserving, pot-preserving and wood-protecting biocides
- In addition, "clear UV+" can be used as a wearing surface on pigmented coatings. This means that during maintenance, "clear UV+" can be used to prevent further darkening of the surface.

Characteristic data of the product



Binder	Alkyd resins
Density (20 °C)	Approx. 0.94 g/cm ³
Viscosity (20 °C)	Approx. 150 mPas
Odour	Solvent-like, characteristic once dry
Gloss level	Silk gloss

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

Additional information

- [Sustainability Data Sheet](#)
- [Colour chart](#)

Preparation

■ Substrate requirements

The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.

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

Thoroughly remove any dirt, grease and non-adhering old coatings.

Carefully sand planed wooden surfaces (P100–P120) before the first coat to ensure good adhesion and material absorption.

Sand down greyed and weathered wooden surfaces down to the stable substrate (P80–P120).

Sand down any intact old coating and intermediate coating (P180–P240).

Remove all sanding dust.

Use Renovation Primer to level the substrate if necessary.

Exterior wood requiring protection from wood-damaging insects, rot and blue stain should be pre-treated with Wood Preservative Primer* - not applicable to interior wood - (*Use biocides safely. Always read the label and product information before use).

When applying a coating of clear UV+ in exterior areas, an impregnation treatment to protect against blue stain is essential in order to prevent irreparable discolouration.

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.

Apply by brush.

Apply in the direction of the grain.

Carry out light intermediate sanding on particularly elegant surfaces prior to applying a finishing coat.

Apply a second coat once the first has dried and after intermediate sanding.

On pigmented surfaces, apply a third coat of clear UV+ if necessary to permanently fix the desired colour (wear layer which is replaced during renovation).

This procedure can also be carried out on surfaces that have been pre-treated with HK Stain 3in1 [plus] or Wood Protection Cream 3in1.

This procedure is not advisable on substrates that have been treated with white products (darkening, yellow tint from Clear UV+).

When the colour clear UV+ is used for exterior wood, 3 coats of clear UV+ must be applied.

Windows and exterior doors require 3 coats.

Use material with the same batch number on contiguous surfaces (mix material of different batches beforehand), otherwise slight differences in colour, gloss and texture may occur.

All colours can be mixed with one another.

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.

Before coating technically modified woods and wood-based materials, apply the product to a trial surface and conduct a suitability test on the desired area of use.

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

End-grain wood preservative should first be applied to end-grain wood and cut surfaces in order to protect them against moisture.

Due to the different covering properties of white and pastel varnish colours, the optical appearance may vary depending on the substrate. It must be checked in advance whether discolouration of the varnish may occur due to substances contained in the wood.

In order to take account of and clarify these issues, a trial surface must be prepared in order to ensure that the surface meets expectations.

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

Make sure that the area is well ventilated during processing and drying.

Areas that are being coated or dried should be protected against rain, wind, sunlight and condensation.

Wood types with high levels of active substances or resin (larch, oak, red cedar, afzelia, redwood etc.) may require longer drying times.



Mechanical damage, especially to clear coatings, must be immediately repaired with "clear UV+" to prevent discolouring, caused e.g. by blue stain.

Shorter maintenance intervals should be planned for the shades "white" and "clear UV+".

Compatible with plastics and bituminous materials once dry.

The product should not be applied at the same work stand as NC-based varnishes or stains. Collect any textiles soiled with the product (e.g. cleaning rags, work clothing) in fire-resistant waste containers and dispose of properly.

Risk of self-ignition (DGUV information brochure 209-046).

■ **Drying**

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

Low temperatures, poor ventilation and high humidity delay drying.

■ **Thinning**

Ready to use

Notes

DIN EN 71-3 "Migration of certain elements":

This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).

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 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 intervals are to be expected.

Observe the regulations concerning design principles for wood protection.

Do not use on horizontal surfaces without drainage slopes and without edge radius, avoid accumulated moisture.

Tools / Cleaning



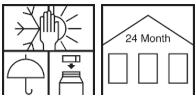
Paintbrush with natural bristles, flat brush

Clean tools immediately after use with Thinner & Brush Cleaner.
Ensure that any residue from cleaning is disposed of correctly.

Remmers tools

➤ **Flächenstreicher LM (4549)**

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.

Use the contents of open containers as quickly as possible.

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.

Disposal

Larger product residues must be disposed of in the original packaging in accordance with the applicable regulations. Do not pour liquid coating or residues down the drain, even when cleaning tools. Must not be disposed of with household waste. Completely empty packaging must be recycled.

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.

VOC	
Kat.	A/e
2010:	400g/l
max.:	400g/l

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.