



MSL-40/sm Medium Build Stain UV+

Decorative, solvent-based medium build stain with very high UV protection and film preserver for universal use on exterior wood



Colour	Availability				
		Quantity per pallet	672	200	96
	Size / Quantity	0,75 l	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.				
clear UV+	7240	■	■	■	■
special colour	7246		■	■	■

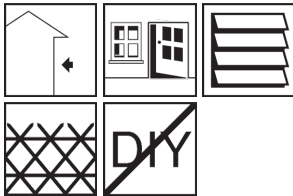
Application rate

1st coat: 100 ml/m²
2nd 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 limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking
- Clear UV+ can also be used as a sacrificial layer over pigmented variants to prevent the wood from darkening
- For use by professionals
- Not suitable for coating flooring (terraces, wooden decking, etc.)

Property profile



- Non-drip
- Good flow properties
- Film preserver protects against mould and algae
- Weather-resistant and UV-resistant
- High UV protection thanks to special binder
- Dirt-repellent and easy to maintain
- Block resistant (in accordance with Code of Practice HO.03)
- Cobalt-free

Characteristic data of the product

Binder	Alkyd resins
Density (20 °C)	Approx. 0.94 g/cm ³
Runout time s (20° C, DIN 4)	48 s
Odour	Solvent-like, characteristic 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.

Additional information

- [Verarbeitung von ölbasierten Produkten im Tuchauftrag](#)

Possible system products

- [IG-10 Impregnation Primer IT* \(7144\)](#)
- [Aqua RG-27 Renovation Primer \(7146\)](#)
- [HSL-30/m Premium Wood Protection Stain 3in1* \(7100\)](#)

*Use biocidal products carefully.
Always read the label and product information before use.



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.
Sand grey and weathered wood surfaces down to sound, bright wood.
Remove any loose and torn knots as well as resin that bleeds from the wood and clean with a suitable product (e.g. V 101 Thinner).
Thoroughly sand any old coatings that are still intact.
If necessary, the substrate can be made more uniform with Aqua RG-27.
Exterior wood that is to be protected against rot and blue stain and/or wood-destroying insects should be pre-treated with a suitable wood preservative* [see system products]. (*Use biocides safely. Always read the label and product information before use.)
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 and apply quickly using a 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.
If required, Clear UV+ can be used as a third coat to permanently fix the desired colour (sacrificial layer that is renewed when renovating).
The procedure can also be used on surfaces that have been pre-treated with HSL-30/m* or Wood Cream*.
This procedure is not advisable on substrates that have been treated with white products (darkening, yellow tint from Clear UV+).
End grain areas should be painted over with several coats of the material in the corresponding colour to protect against water absorption.
Windows and exterior doors require 3 coats.
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 coating 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.
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 medium-build 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.
Compatible with plastics and bituminous materials once dry.
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+".
- Risk of self-ignition (DGUV information brochure 209-046).
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.
- **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

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.
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

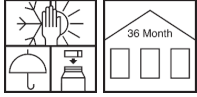
Paintbrush with natural bristles, flat brush



Clean tools immediately after use with V 101 Thinner. Dispose of the remains from cleaning properly.

Storage / Shelf life

At least 36 months in unopened, original containers stored cool, dry and protected from frost.
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 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.

Biocidal Products Regulation

Contains as "treated goods" a biocidal product (film preservative) with the biocidal active agent 3-iodo-2-propynyl butylcarbamate to protect the film from contamination by microbial organisms (algae, mould etc.). Always follow the directions carefully!

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.