



Natural Oil Opaque Finish [eco]

Water-based opaque finish made from renewable raw materials for use on interior and exterior wood



Colour	Availability			
	Quantity per pallet	672	200	96
Size / Quantity		3 x 0,75 l	2 x 2,5 l	1 x 5 l
Type of container		Tin bucket	Tin bucket	Tin bucket
Container code		01	03	05
Art. no.				
basalt grey (RAL 7012)	7651	■	■	
jet black (RAL 9005)	7652	■	■	
anthracite grey (RAL 7016)	7653	■	■	
light grey (RAL 7035)	7654	■	■	
window grey (RAL 7040)	7655	■	■	
tobacco brown	7656	■	■	
walnut	7657	■	■	
red brown	7658	■	■	
Scandinavian red	7659	■	■	
cream (RAL 9001)	7660	■	■	
fir green (RAL 6009)	7661	■	■	
pigeon blue (RAL 5014)	7662	■	■	
white (RAL 9016)	7663	■	■	■
special colours*	7664		■	■

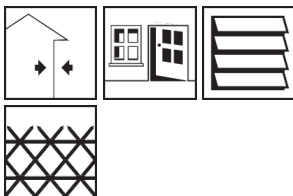
Application rate approx. 75 ml/m² per coat



White and light colours:
3 coats of Natural Oil Opaque Finish [eco]
Alternative for greater protection: 2x Sealing Primer & 1x Natural Oil Opaque Finish [eco]

Medium and dark colours:
2 coats of Natural Oil Opaque Finish [eco]

Range of use



- For use on interior and exterior wood
- Dimensionally stable wood building elements: e.g. windows and doors
- 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
- Primer, intermediate and finishing coats
- Wooden beehives, bee boxes and other wooden elements used in beekeeping
- Do not apply to freshly impregnated wood. Observe fixation time.
- Follow with a protective coating of clear Natural Oil Woodstain [eco] in a mixing ratio of 1:1 with Natural Oil Opaque Finish [eco] on chairs, benches, etc. to prevent bleeding.

Property profile



- 3-in-1: sealing primer, intermediate coating and top coat
- Water-based with a very low solvent content
- Made from at least 70% renewable raw materials
- Bee-friendly formula
- A vegan product based on the information available to us
- Block resistant (in accordance with Code of Practice HO.03)
- Non-drip
- Elastic



- Does not flake
- Weather-resistant and UV-resistant
- Less discolouration due to water-soluble substances in the wood
- Good flow properties
- Breathable
- Recyclable metal container
- All colours are mixable with one another
- Brilliant, pure, intensive colours have a lower hiding power due to their pigments. We recommend fully pre-coating such areas with a matching coloured primer if using critical colours.

Characteristic data of the product

Binder	based on plant oils
Density (20 °C)	approx. 1.2 g/cm ³
Odour	mild
Degree of gloss	matt

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

Certificates

- Bee-friendly formula
- DIN EN 71-3 "Migration of certain elements"

Test standards

Low emissions under the AgBB scheme

Additional information

- [Colour card](#)

Possible system products

- [Wood Preservative Primer* \(2066\)](#)
- [Wood Cream Clear \(2714\)](#)
- [All Primer \(5420\)](#)
- [Sealing Primer \(3440\)](#)
- [End Grain Sealer \(1900\)](#)
- [Stair & Parquet Varnish \(2390\)](#)

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

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
Thoroughly remove any dirt, grease and non-adhering old coatings.
Sand grey and weathered wood surfaces down to sound, bright wood.
Remove loose knots and any surface resin with a suitable product (e.g. thinner or brush cleaner).
Wood building elements should be constructed so they shed and do not retain water (avoid level surfaces, open end-grain wood, capillary joints, water and moisture accumulation points, contact with splash water, sharp edges), thereby reducing the need to use wood preservatives as far as possible.
Pre-treat exterior wood which requires protection against rot and blue stain with Wood Protection Primer.* (*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".
Natural Oil Opaque Finish [eco] (in white and light colours) reduces yellow stains caused by water soluble substances in the wood. For additional protection, prime using Remmers Sealing Primer.
To avoid bleeding of substances in the wood into adjoining building elements (e.g. infilling in framework areas), treat the wood all round.
Old weathered carbolineum coatings can only be coated with dark colours. Always test first with a trial coating.

Directions



- Conditions for use
Temperature of the material, air and substrate: from min. +5 °C to max. +25 °C.

Stir well and apply quickly using a brush.
Apply a second coat once the first has dried.
Apply a further coat if required.
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.
Two coats of end-grain wood preservative should first be applied to end-grain wood and cut surfaces in order to protect them against moisture.
Do not use on wood impregnated with boron salts.



Ensure sufficient ventilation when applying indoors.
Areas that are being coated or dried should be protected against rain, wind, sunlight and condensation.
The colour shown on the sample does not appear until the material has dried.

- **Drying**
Can be overcoated: after approx. 6 hours
Practice values at +20 °C and 65% relative humidity.
The product's insulating effect may be impaired if it is diluted too thinly, if the wood is too wet or if the recommended coating sequence, application volumes and drying times are not observed. With water-based coating systems, there is always the residual risk that substances contained in the wood will leach out.
Drying may take longer depending on the type of wood, e.g. oak, due to substances it contains.
- **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).

Bright (especially white), solvent-based and water-dilutable oil and alkyd resin paints will exhibit varying levels of yellowing during their useful life.
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

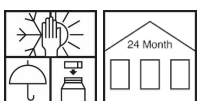
Brush with acrylic bristles, flat brush, mohair roller



Clean tools immediately after use with water and detergent.
Ensure that any residue from cleaning is disposed of correctly.
As contaminated fabrics can have a tendency to spontaneously combust, soak them in water before gathering them together under water in fireproof bins and disposing of them.

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.

EU Ecolabel DE-044-052

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.

Safety advice

Keep out of the reach of children.
Use an A2/P2 combi-filter when spraying.
Use a P2 dust filter when grinding or sanding.
Ensure the area is thoroughly ventilated during application and drying.
Do not eat, drink or smoke while using the paint.
In the event of contact with the eyes or skin, rinse out thoroughly and immediately with water.
Do not allow it to enter the ground, the sewage system or any bodies of water.
Clean tools with soapy water immediately after use.
Only send fully emptied containers for recycling.
Take any leftover liquid material to the collection point for waste paint.

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

EU limit value for the product (cat A/d): max. 130 g/l (2010).
This product contains < 5 g/l VOC.

VOC	
Kat.	A/d
2010:	130g/l
max.:	5g/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.