



Aqua MHO-86/tm Wood Oil [eco]

Versatile, weather-resistant, matt oil for interior and exterior wood



Availability		
Quantity per pallet	200	22
Size / Quantity	2,5 l	20 l
Type of container	Tin bucket	Tin bucket
Container code	03	20
Art. no.		
7060	■	■
7061	■	■

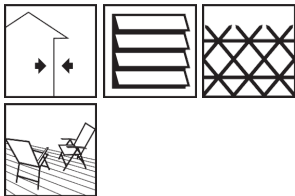
Application rate

Approx. 60 - 80 ml/m² per coat



Higher application rate on rough and grooved wood.
Application rate depends on the absorbency of the substrate.
Determine exact quantity by trial application.
Max. 2 coats, apply a thin coat. One coat is sufficient for renovations.
Remove excess material (especially in grooves) immediately.

Range of use



- For use on interior and exterior wood
- 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
- Pigmented variants: interior and exterior wood
Clear variant: interior wood & wood in sheltered outdoor areas
- (Garden) furniture and wooden decking
- Wood types including teak, bangkirai, larch, Douglas fir and Accoya
- Thermally treated wood
- Please get in touch with the Remmers Technical Service team before using on other, exotic species of wood not named here
- Wooden beehives, bee boxes and other wooden elements used in beekeeping
- For interior use on surfaces subject to low levels of wear, such as wall and ceiling panelling
- For accentuating the grain and for tinting under water-based, transparent interior wood varnishes

Property profile



- Bee-friendly formula
- Water-based with a very low solvent content
- More ecological and sustainable than conventional products thanks to the use of bio-based binders
- Slip-resistant
- Weather-resistant and UV-resistant
- Classified as non-spontaneously combustible according to EPH test report*
- Can be tinted in a wide range of Remmers RC varnish colours with Remmers Mix
- For longer maintenance intervals: can also be tinted in intensive colours matched to the wood species Douglas fir, Bangkirai, larch & teak
- Subsequent treatment without sanding
- Good flow properties
- Prevents wood from drying out
- Breathable
- Vegan - no additives of animal origin
- Based on renewable raw materials

Characteristic data of the product

Binder	Based on plant oils
Density (20 °C)	Approx. 1.02 g/cm ³
Odour	Mild
Degree of gloss	Cloth matt



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

Certificates

- **Prüfbericht EPH zur Selbstentzündung**
- **Prüfzeugnis EPH - Rutschheimmung gem. EN 16165:2021-10**
- **Geprüfte Bienenverträglichkeit**
- **Zertifikat Emissionprüfung (AgBB / VOC)**

Test standards

Fulfills the requirements according to the AgBB scheme
VOC emission class A+ according to "decret n° 2011-321 du 23 mars 2011"

Possible system products

- **Aqua IG-15 Impregnation Primer IT* (7145)**
- **Induline SW-910 (3777)**
- **Aqua TL-412 Stair Varnish (2372)**
- **Aqua PL-413 Parquet Varnish (2374)**

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

Preparation

■ Substrate requirements

The substrate must be clean, dust-free and dry.
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

Wood which is rich in active substances should be weathered for a few weeks or cleaned with Wood Cleaner before being treated for the first time in order to prevent delays in the drying process.
Use an agent such as Wood Cleaner to remove any dirt, grease and old coatings that could form a film, making sure not to leave any residue.
Clean any greyed wood surfaces with Wood Revitalizer.
Remove algae with Green Growth Remover*. (*Use biocides safely. Always read the label and product information before use.)

In order to avoid the use of wood preservatives as far as possible, the construction should be designed to be water-repellent (avoid horizontal surfaces, open end-grain wood, capillary joints, water and moisture accumulation points, contact with splash water, sharp edges). Pre-treatment with Wood Impregnation [eco] improves the hydrophobic effect.

Exterior wood that needs to be protected against soft rot and blue stain must be pre-treated with a suitable wood preservative* (*Use biocides safely. Always read the label and product information before use).

Directions



■ Conditions for use

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

Stir well.

Brush, spray or apply with a board coating machine

Flow cup gun: nozzle size: 1.6 - 2.0 mm; atomiser air pressure: 1 - 2 bar

Treat all sides (of decking) on the first coat if possible.

Remove or smooth out any excess material (especially in tongues and grooves) immediately.

Apply a further coat if required.

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.

The clear variant does not protect against UV radiation (greying) and should therefore be used only on wood elements not directly exposed to weather (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is desired on a directly exposed exterior surface, apply several coats and refresh at regular intervals.

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.

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

Regular reapplications are required in areas exposed to weathering.

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.

When coating technically modified woods and wood-based materials, the surface properties of the product may differ from those of natural woods. Before coating, a trial application and a suitability test must be carried out to check compatibility, adhesion, weathering behaviour and colour. Different maintenance intervals may apply. In particular, please also take into account the specific instructions for surface treatment provided by the respective manufacturer.

If you have any further questions, please contact Remmers Technical Service.



***Information about self-ignition**

In external tests, the tested product exhibited significantly lower reactivity than conventional reference products that dry by oxidation. The risk of self-ignition is therefore classified as lower.
It should be noted that the tests carried out by EPH could not take into account all possible scenarios that might occur in practice. For example, contact of objects and media contaminated with this product, such as rags or dust, with other highly flammable agents, such as dust containing cellulose nitrate or certain solvents, could lead to conditions that result in ignition.
Avoid excessive overspray.
Leave fresh spraying dust to dry before sweeping up.
Collect spray mist in fireproof waste containers and spray regularly with water to prevent self-ignition of the spray mist, especially if large quantities accumulate.

■ **Drying**

Ready for overcoating: after approx. 4 hours
In system structures before intermediate sanding: drying overnight
Practice values at +20 °C and 65% relative humidity.
Low temperatures, poor ventilation and high humidity delay drying.
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).

Brush surfaces thoroughly and do not use any high-pressure water jet equipment or aggressive cleaning agents.
Please observe the "Care Instructions for Wooden Garden Furniture".
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.
On terrace surfaces in the area of swimming pools, the increased exposure to chlorine, cleaning agents and intensive moisture can lead to reduced adhesion and weathering of the coating. Shorter maintenance and renovation intervals must be expected here.

Tools / Cleaning

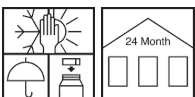
Brush with synthetic bristles, flat brush (synthetic bristles), flow cup gun, board coating machine



Clean tools immediately after use with water and detergent.
Ensure that any residue from cleaning is disposed of correctly.

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 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 a biocidal product (in-can preservative) with the biocidal agents CMIT/MIT (3:1) for protecting the container content from deterioration by microbial organisms (germs, yeast, etc.). Please note the processing guidelines carefully!

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

EU limit value for the product (cat A/e): max. 130 g/l (2010).
This product contains < 10 g/l VOC.

VOC	
Kat.	A/e
2010:	130g/l
max.:	10g/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.