

WOCA EXTERIOR OIL SYSTEM – Specification Sheet for

ACCOYA® *cladding / manually applied on site*



Product description:

WOCA Exterior Oil systems are based on environmentally friendly products. Vegetable oil components, water, hardener, UV-absorber, water repellent substances, and fungicides produces the optimal results on ACCOYA® cladding enabling easy and simple maintenance. The system is based on WOCA Primer and WOCA Exterior Oil.

The product has a solid matter content approx. 30%, has exceptional impregnation properties, and produces a strong and water-resistant surface. The oil impregnates the wood structure and protects the surface from within.

WOCA's philosophy is that wood in itself is a unique and a natural material, which possesses a number of natural inner properties needed to ensure long lasting durability. These qualities/properties "only" need to be strengthened and stimulated, so the wood stays in the same condition as the day it was installed.

This combined with the features and benefits of ACCOYA® such as dimensional stability, outstanding durability as well as being perfect for oiling, provides an excellent turnkey solution to any exterior wood request.

Product Properties:

- ✓ Based on renewable vegetable oils
- ✓ Built in UV Filter
- ✓ Fast drying
- ✓ Easy to apply
- ✓ Penetrating / None Film building

Competitive advantages:

- ✓ Environmentally friendly formula
- ✓ Sustainable and renewable raw material
- ✓ Doesn't flake off

Value to the client:

- ✓ Durable and long-lasting results
- ✓ Easy & effective maintenance
- ✓ Healthy environment
- ✓ No sanding between treatments required

**Area of application:**

Surface treatment of ACCOYA® cladding

Special requirements:

Do not over coat the substrate without removing excess material

Do not apply the material in direct sun light

Optimal working temperature: between 15°C & 30°C

(diverting from these instructions may cause unintended results)

Maximum ACCOYA® moisture allowed is: 5-8%

ACCOYA® is primed with WOCA Outdoor Primer prior to the Oil treatment

Disclaimer & Warning:

Always remember to test on a small area in order to check the surface and the compatibility of the product. Different batch numbers are recommended always to let mix before application to ensure optimal uniform result of treatment.

WOCA Denmark accepts no responsibility for unintended use, damage or injury resulting from this product because of failure to follow the appropriate instructions.

Warning:

Risk of self-ignition: Due to the risk of self-ignition, it is important that sanding dust and oil wetted rags or paper towels etc. are soaked in water and disposed of in a tightly closed container after use!

Technical Data: WOCA Outdoor Primer

Consumption:	Approx. 50-100g/m ²
PH-value:	7-8
Specific gravity (gr/cm):	1.0gr/cm
Viscosity:	12-15"/4
Solid matter content:	Approx. 12%
Drying times:	Touch dry after 2-4 hours / ready for first application of oil after 4-6 hours
Flash Point:	>100° C.
Shelf life:	3 years in unopened condition
Colour:	Yellowish in wet condition
Gloss:	Matt
Transportation & Storage:	Frost proof and avoid direct sunlight
Application:	Industrial as well as manual
Danger label:	No classification – none solvent based (VOC content: max 30g/1000g)
Safety:	Observe Safety Data Sheet and work accordingly



Technical Data: WOCA Exterior Oil

Coverage:	8-12m ² /liter depending on the type of wood and application type
PH-value:	7-8
Specific gravity (gr/cm ³):	1.0gr/cm ³
Viscosity:	16-20"/4
Solid matter content:	Approx. 30%
Drying times:	Touch dry after 2-4 hours / ready for next application next day / fully hardened after 5-7 days.
Flash Point:	>100° C.
Shelf life:	3 years in unopened condition
Gloss:	Matt
Transportation & Storage:	Frost proof and avoid direct sunlight
Application:	Industrial as well as manual
Danger label:	No classification – none solvent based (VOC content: max 50g/1000g)
Safety:	Observe Safety Data Sheet and work accordingly
Packaging:	0,75L, 2,5L and 20L
Available:	Natural, Teak, Black, Grey, Walnut, Bankirai, Larch, Anthracite, White, Merbau, Hazelnut, Silver, Stone Grey, Thunder Grey as well as customized colours on demand.

Application:

Preparation:

ACCOYA® surface must be freshly sanded to a final grit of 150 or finer, dry and free from sanding dust, grease etc.

This system is also suitable to ACCOYA® rough sawn or band sawn material.

First application:

Apply **WOCA Outdoor Primer** with a paintbrush or the WOCA Exterior Oil Applicator in an even layer.

Application done on all sides including the end grain.

Do not leave any excess material before final drying of wood surface.

Any excess material is removed with rags.

Leave the wood to dry. (12-24H at 20°C). Surface should not feel sticky before next treatment.

Second application:

Apply WOCA Exterior Oil with paintbrush or the WOCA Exterior Oil Applicator in an even layer. Application done on all sides including the end grain. Remove any excess material with rags.

Leave the wood to dry over night for drying. (12-24H at 20°C).

Wood should not feel sticky before final application.

Third application:

Apply a thin final coat of WOCA Exterior Oil with a paintbrush or the WOCA Exterior Oil Applicator. Apply it in a thin layer and remove excess oil with rags if necessary.

ATTENTION! – If ACCOYA® cladding boards are supplied in random or fixed length, and are to be docked/recut onsite to size, apply and seal WOCA OUTDOOR RPIMER by brush etc. in an even layer on the end grain to avoid water ingress and protect ACCOYA® against occasional mould growth.



Cleaning tools: Hot water and soap

Occasional Maintenance: *Depending on the wear and tear, the surface requires maintenance.*
In general, it is good policy to refresh the surface once a year or when required.

Typically, between 12-36 months depending on:

- the chosen color
- horizontal surface verses vertical surface
- Surface pointing North, East, West or South

Clean the surface using WOCA Exterior Cleaner mixed with water.

Clean the surface with a soft nylon brush or with the WOCA Silicium brush. Hose down the dirty rinsing solution and leave surface to dry for 4-6 hours. After drying the WOCA Exterior Oil is applied as the above-mentioned installation treatment.

Frequency: the surface is inspected every 6-12 months and cleaned and re-oiled accordingly.

When regular maintenance regime is conducted, no sanding will be needed between treatments!

SPECIAL NOTE:

For applications with exposure to marine and saline environments, it is recommended that the applied surfaces in these applications be cleaned every six months with WOCA Exterior Cleaner to mitigate salt deposit residues in the pore structure of the timber. Cleaning and re-oiling these exposures every twelve months is recommended to strengthen the application against the condition.



Customized Maintenance

Regime:

WOCA offers customized maintenance regimes if requested. This allows local weather and traffic exposure to be taken into the equation

On-line support:

Please also study all the educational how-to-do-videos on:

www.wocadenmark.com/video

Old wood:

The wood is thoroughly cleaned with one of the WOCA Exterior Cleaning products depending on the wear and tear.

Any old finish is sanded off until bare wood is achieved

Tips:

***WOCA Exterior Cleaner** is gently cleaning the wood and at the same time, it is neutralizing tannins and other natural minerals inside the wood. It opens the wood structure to allow WOCA Exterior Oil to penetrate and saturate the surface ensuring maximum resistance from day one. WOCA Exterior Cleaner is not influencing the environment and can be hosed down without harming vegetation.*

Safety:

Please study all WOCA Material Safety Data Sheets on-line at:

<http://www.wocadenmark.com/download/safety-data-sheets>