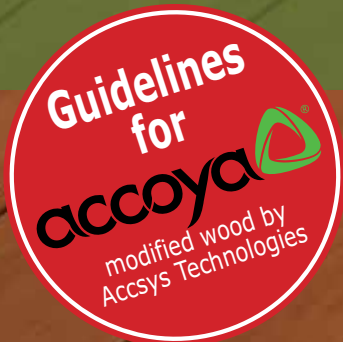


The Original

WOCA®

Exterior wood care



Easy and effective. *Naturally*

The natural choice

Wood is not supposed to be surface finished; it should be strengthened and protected from inside.

This is WOCA's ethos and our continuing attitude on how to ensure exterior wood work a long life, durability and a beautiful and natural look.

Basically, there are 2 ways of treating and finishing wood in general. The natural way or the "superficial" way!

WOCA believes in the natural way. The philosophy is that wood in itself is a unique and a natural material, which possesses a number of natural inner properties that are 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.

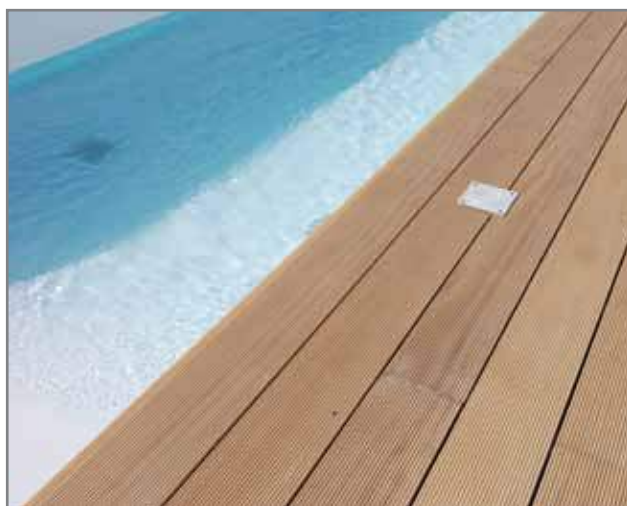
This is done by maintaining and rejuvenating the wood with an oxidizing penetrating oil that hardens deep inside the wood and provides new life and energy. Well maintained wood keeps its natural ambience and beautiful appearance. Wood is a natural product with naturally built in resistance.

On the contrary, the superficial approach is about protecting the wood from wear and tear. This is done by coating the surface with some kind of synthetic film building finish. In reality, this finish is sealing the pores of the wood and turns the natural living wood into an artificial material with no life. The result is that the surface is only protected in the short term and the living properties of the wood are weakened.

The natural way requires a little bit more attention to ongoing after care than the superficial method, but the advantages are that the lifetime of the wood is radically extended. In other words: what is invested in maintenance and care is regained in no extra costs compared with the surface finished wood being renovated, sanded and repaired or worst case replaced completely.

The bottom line is the question of philosophy: "Do we want to enjoy the real wood quality on a daily basis which is one the world's most beautiful building materials which is a long lasting natural product?" – Or do we prefer to change the wood surface into a more anonymous artificial material just to save some time on after care and maintenance on the short term?

We at WOCA Denmark have made up our minds!



Accoya benefits



Durability class 1



Dimensionally Stable




Sustainably sourced



Barefoot friendly



Increased strength and hardness

A close-up, low-angle shot of a person's legs and feet resting on a wooden deck. The person is wearing white socks and dark shoes. The wooden planks of the deck are in sharp focus, running diagonally from the bottom left towards the top right. The background is blurred, showing more of the deck and the person's legs.

“Wood is not supposed to be surface finished; it should be strengthened and protected from inside”

Products for Accoya outdoor use



Exterior Cleaner

- Efficient surface cleaning prior to maintenance
- Removes moss and green growth, prevents resettlement
- Suitable for decking, garden furniture, claddings and sidings
- Manual or mechanical cleaning
- Non harmful to vegetation

Product info

Container: 1 l and 2,5 l
Consumption: 6-10 m²/l



Deep Cleaner - Spray

- For the deep cleaning of all wooden garden furniture
- Removes oil and dirt from deep down inside the wood

Product info

Container: 750 ml
Consumption: –
 Depending on the wood type, its condition and age



Outdoor Wood Primer

- Primer for outdoor wood
- Special primer for very absorbing wood
- Water based
- Fast drying
- Penetrates and protects
- Requires aftertreatment with one of the Exterior Oils

Product info

Container: 2,5 l
Consumption: 8-10 m²/l
 Colourless



Exterior Oil

- Water based
- Provides a hard-wearing surface
- Contains UV-protection
- Prevents mould and fungus
- Suitable for decking, garden furniture, claddings and sidings
- Fast drying

Product info

Container: 0,75 l and 2,5 l
Consumption: 12-15 m²/l
 Available in 13 colours

Exterior oil on Accoya





Cleaning Brush 16"

- For the deep mechanical cleaning of deckings
- Efficiently removes dirt and old finishes
- Universally compatible with all kind of polishing machines



Cleaning Brush

- For the manuel deep cleaning of deckings
- Removes dirt and old finishes



Shaft for Oil Applicator



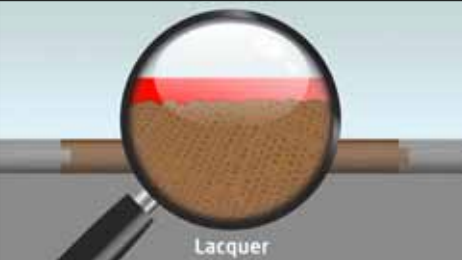
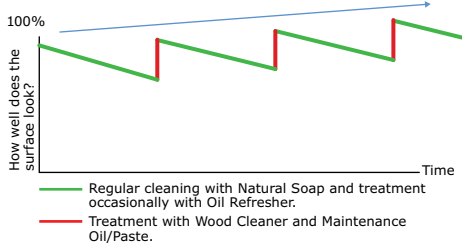
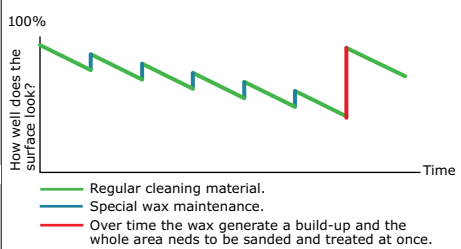
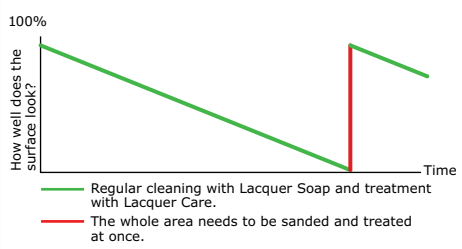
- Easy to assemble
- Very strong



Oil Applicator

- For simplified application of oil
- Replaceable pads
- Ensures smooth, fast and efficient work

Comparison of surface systems

Traditional oil-/soap-based finishing systems	Wax-based finishing systems	Solvent and water-based lacquer finishing systems
		
Deep penetration, natural look	Slightly penetration and film-building	Film-building
Characteristics <ul style="list-style-type: none"> Protects the wood from inside and outside Non film building Forms a protecting surface Natural finish Allows the wood to breathe as the surface is constantly working 	Characteristics <ul style="list-style-type: none"> Protects the wood from in- and outside Forms a thin film Forms a protecting surface Film on the surface is visible Allows the wood to breathe as the surface is constantly working 	Characteristics <ul style="list-style-type: none"> Protects the wood from outside Is film-building Provides a thick layer Generates a cool, artificial surface
Advantages <ul style="list-style-type: none"> Penetrates deeply into the wood, and leaves a protective layer Provides the most natural appearance of the wood Ensures a dirt- and water-resistant surface Can be renovated partially Can be renovated simply and partially without special machines Do not crack, flake, peel or blister Easy to maintain with soap, oil refresher, oils etc. The natural, warm appearance of the wood is maintained for many years - 'see wood and feel wood' 	Advantages <ul style="list-style-type: none"> Penetrates slightly into the wood and builds a film on the surface Good resistance against liquids Do not crack, flake, peel or blister 	Advantages <ul style="list-style-type: none"> Protective film on surface only Unique water resistance, as long as film is not broken Ensures a dirt- and water-resistant surface Provides a tough, durable and hardwearing surface Quick drying and water-based
The pure natural finish with all the advantages <ul style="list-style-type: none"> The natural appearance of the wood is enhanced Easy maintenance Good water and liquids resistance The floor gets more and more beautiful as time goes 	Disadvantages <ul style="list-style-type: none"> Over time the wax generate a build-up and the whole area needs to be sanded and treated at once It is not possible to renovate the surface partially Uneven wear and tear on the pigmented film on the surface The whole area needs to be sanded and treated at once A shining, lacquerlike surface - proves that it is a sort of cross between lacquer and oil The finish can crack, flake, peel and blister Wax can be incompatible with maintenance products. The appearance of the floor gets worse and worse as time goes 	Disadvantages <ul style="list-style-type: none"> It is not possible to renovate the surface partially The whole area needs to be sanded and treated at once The finish can crack, flake, peel and blister The appearance of the floor gets worse and worse as time goes
Wear and tear  <p>How well does the surface look?</p> <p>100%</p> <p>Time</p> <ul style="list-style-type: none"> Regular cleaning with Natural Soap and treatment occasionally with Oil Refresher. Treatment with Wood Cleaner and Maintenance Oil/Paste. 	Wear and tear  <p>How well does the surface look?</p> <p>100%</p> <p>Time</p> <ul style="list-style-type: none"> Regular cleaning material. Special wax maintenance. Over time the wax generate a build-up and the whole area needs to be sanded and treated at once. 	Wear and tear  <p>How well does the surface look?</p> <p>100%</p> <p>Time</p> <ul style="list-style-type: none"> Regular cleaning with Lacquer Soap and treatment with Lacquer Care. The whole area needs to be sanded and treated at once.

Renovating is “back to basics”

The “natural choice” is the essence of WOCA’s new Accoya Decking Concept for renovating and rejuvenating outdoor Accoya decking. The idea is simply to ensure that the wood surface is stripped and cleaned to such a degree that when the essential and strengthening re-oiling procedure follows, the oil will be able to penetrate and saturate the wood. In other words: “Back to basics” – and back to the idea of wood being a living material with built in natural resistance.

Our new concept is based on the very innovative WOCA Silicium Brush that fits any regular 16” floor polishing machine on the market. This equipment, combined with the unique WOCA Exterior Cleaner is the key.

The WOCA Silicium Brush is very flexible. Where you have Accoya decking and can compensate for any slight irregularity in the deck installation. Alternatively, if you have profiled decking the special hair allows the brush to work into the grooved channels.

WOCA Exterior Oil is available in a natural finish as well as a number of contemporary and traditional colours. The oil is different from other wood oils due to the built in UV-filter, which delays the bleaching effect of the sunlight.

To view the complete instructional video please visit:
www.wocadenmark.com/video

➤ Clean



➤ Oil



➤ Enjoy



WOCA Exterior wood care

– for multiple usage



Recommended by
professionals



Producer: **WoodCare Denmark A/S** · Tværvej 6 · DK-6640 Lunderskov
Tel. +45 99 58 56 00 · info@ttwoodcare.com · www.wocadenmark.com
For more information see our worldwide WOCA link: www.woca.dk/contact-dealers



WOCA EXTERIOR OIL SYSTEM – Specification Sheet for



cladding / industrially applied

Product description:

WOCA Exterior Oil systems are environmentally friendly products based on vegetable oil components, water, hardener, UV-absorber, water repellent substances, and fungicides. The system is developed for 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 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:

Industrial 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.

WoodCare 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 80g/1000g)
Safety:	Observe Safety Data Sheet and work accordingly
Packaging:	Standard 2,5L and 20L on demand

Technical Data: WOCA Exterior Oil

Consumption:	Approx. 80-100g/m ² 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
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 80g/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, Red Brown, Olive, Silver, Spruce as well as customized colours on demand.

Application:	
<u>Preparation:</u>	<p>ACCOYA® surface must be freshly sanded to a final grit of 150 or finer, dry and free from sanding dust, grease etc.</p> <p>This system is also suitable to ACCOYA® rough sawn or band sawn material</p>
<u>First application:</u>	<p>Apply WOCA Outdoor Primer by hand, spray gun, or roller- or vacuum coater etc. approx. 50-75g/surface m². Application done on all sides including the end grain.</p> <p>It is advisable to polish surface shortly after application of oil - with either rags or polishing brushes.</p> <p>Do not leave any excess material before final drying of wood surface. May be applied with rags and at same time polished into the wood surface too.</p> <p>Leave the wood on racks (or stick stacking) over night for drying. (12-24H at 20°C). Work pieces should not feel sticky before next treatment.</p>
<u>Second application:</u>	<p>Apply WOCA Exterior Oil by hand, by spraying guns, by roller- or vacuum coater. Quantity: approx. 50-75 gr. per m². Application done on all sides including the end grain.</p> <p>It is advisable to wet polish surface shortly after application of oil - either with rags, polishing brushes etc..</p> <p>Do not leave any excess material on surface before final drying of wood surface.</p>



	<p>May be applied with rags and at same time polished into the wood surface too.</p> <p>Leave the wood on racks (or stick stacking) over night for drying. (12-24H at 20°C). Work pieces should not feel sticky before packing.</p>
Viscosity correction:	Can be done if necessary by adding water, max 5-10%.
Cleaning equipment:	Hot water and WOCA Water based Cleaner
<u>Third Application:</u>	<p>After installation, the ACCOYA® gets a final installation treatment with WOCA Exterior Oil using a paintbrush or the WOCA Exterior Oil Applicator. Apply it in a thin layer and remove excess oil with rags if necessary.</p> <p>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 mold growth.</p>
Occasional Maintenance:	<p>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.</p> <p>Typically between 12-36 months depending on:</p> <ul style="list-style-type: none"> - the chosen color - horizontal surface verses vertical surface - Surface pointing North, East, West or South <p>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.</p> <p>Frequency: the surface is inspected every 6-12 months and cleaned and re-oiled accordingly.</p> <p><i>When regular maintenance regime is conducted, no sanding will be needed between treatments!</i></p>
Customized Maintenance Regime: On-line support:	<p>WOCA offers customized maintenance regimes if requested. This allows local weather and traffic exposure to be taken into the equation.</p> <p>Please also study all the educational how-to-do-videos on: www.wocadenmark.com/video</p>
Old wood:	



Tips:	<p>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</p> <p>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.</p>
--------------	---

Safety:

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

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

Others:

Please study additional inspirational material at:

- ✓ <http://www.wocadenmark.com/download/brochures>
- ✓ <http://www.wocadenmark.com/architects>
- ✓ http://issuu.com/woodcaredenmark/docs/woca_imagebrochure_uk

CONTACT:

WOCA Denmark

WoodCare Denmark A/S
Tvaervej 6
DK-6640 Lunderskov
Office: +45 99 58 56 00
E-mail: info@twoodcare.com
Web.: www.wocadenmark.com

WOCA Australia PTY

PO BOX 99,
Port Melbourne, VIC 3207
Australia
Office: 1 800 337 477 / Fax: 03 9646 4535
Kurt Beyer Mobile: 0412 746 970
kurt@wocaus.com.au
www.wocaus.com.au

DESIGN DENMARK NZ LTD

12 Maidstone Street
Ponsonby
1021 Auckland
New Zealand
Ph 64 9 361 3333
Free Phone 0800DENMARK
Fax 64 9 361 3313/ Fax 64 9 361 3313
Email: woca@designdenmark.co.nz
www.woca.co.nz



WOCA EXTERIOR OIL SYSTEM – Specification Sheet for



cladding / manually applied on site

Product description:

WOCA Exterior Oil systems are based on environmental 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 wells 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:
<p>Do not over coat the substrate without removing excess material</p> <p>Do not apply the material in direct sun light</p> <p>Optimal working temperature: between 15°C & 30°C (diverting from these instructions may cause unintended results)</p> <p>Maximum ACCOYA® moisture allowed is: 5-8%</p> <p>ACCOYA® is primed with WOCA Outdoor Primer prior to the Oil treatment</p>

Disclaimer & Warning:
<p>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.</p> <p>WoodCare Denmark accepts no responsibility for unintended use, damage or injury resulting from this product because of failure to follow the appropriate instructions.</p> <p>Warning:</p> <p><i>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!</i></p>

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 80g/1000g)
Safety:	Observe Safety Data Sheet and work accordingly
Packaging:	Standard 2,5L and 20L on demand



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
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 80g/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, Red Brown, Olive, Silver, Spruce as well as customized colours on demand.

Application:	
<u>Preparation:</u>	<p>ACCOYA® surface must be freshly sanded to a final grit of 150 or finer, dry and free from sanding dust, grease etc.</p> <p>This system is also suitable to ACCOYA® rough sawn or band sawn material</p>
<u>First application:</u>	<p>Apply WOCA Outdoor Primer with a paintbrush or the WOCA Exterior Oil Applicator in an even layer.</p> <p><i>(Can be tinted if necessary. Ask for WOCA for advice on how to do)</i></p> <p>Application done on all sides including the end grain.</p> <p>Do not leave any excess material before final drying of wood surface.</p> <p>Any excess material is removed with rags.</p> <p>Leave the wood to dry. (12-24H at 20°C). Surface should not feel sticky before next treatment.</p>
<u>Second application:</u>	<p>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.</p> <p>Leave the wood to dry over night for drying. (12-24H at 20°C).</p> <p>Wood should not feel sticky before final application.</p>



Third application:	<p>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.</p> <p>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 mold growth.</p>
Cleaning tools:	Hot water and soap
Occasional Maintenance:	<p><i>Depending on the wear and tear, the surface requires maintenance.</i></p> <p>In general, it is good policy to refresh the surface once a year or when required.</p> <p>Typically between 12-36 months depending on:</p> <ul style="list-style-type: none"> - the chosen color - horizontal surface verses vertical surface - Surface pointing North, East, West or South <p>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.</p> <p>Frequency: the surface is inspected every 6-12 months and cleaned and re-oiled accordingly.</p> <p><i>When regular maintenance regime is conducted, no sanding will be needed between treatments!</i></p>
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:	<p>Please also study all the educational how-to-do-videos on:</p> <p>www.wocadenmark.com/video</p>
Old wood:	<p>The wood is thoroughly cleaned with one of the WOCA Exterior Cleaning products depending on the wear and tear.</p> <p>Any old finish is sanded off until bare wood is achieved</p>
Tips:	<i>WOCA Exterior Cleaner</i> is gently cleaning the wood and at the same time, it is neutralizing tannins and other natural minerals inside the



	<i>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.</i>
--	--

Safety:

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

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

Others:

Please study additional inspirational material at:

- ✓ <http://www.wocadenmark.com/download/brochures>
- ✓ <http://www.wocadenmark.com/architects>
- ✓ http://issuu.com/woodcaredenmark/docs/woca_imagebrochure_uk

CONTACT:**WOCA Denmark**

WoodCare Denmark A/S
Tvaervej 6
DK-6640 Lunderskov
Office: +45 99 58 56 00
E-mail: info@twoodcare.com
Web.: www.wocadenmark.com

WOCA Australia PTY

PO BOX 99,
Port Melbourne, VIC 3207
Australia
Office: 1 800 337 477 / Fax: 03 9646 4535
Kurt Beyer Mobile: 0412 746 970
kurt@wocaaus.com.au
www.wocaaus.com.au

DESIGN DENMARK NZ LTD

12 Maidstone Street
Ponsonby
1021 Auckland
New Zealand
Ph 64 9 361 3333
Free Phone 0800DENMARK
Fax 64 9 361 3313/ Fax 64 9 361 3313
Email: woca@designdenmark.co.nz
www.woca.co.nz



WOCA EXTERIOR OIL SYSTEM – Specification Sheet for



decking / Industrially applied

Product description:

WOCA Exterior Oil systems are environmental friendly products based on vegetable oil components, water, hardener, UV-absorber, water repellent substances, and fungicides. The system is developed for optimal results on ACCOYA® decking 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 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:

Industrial surface treatment of ACCOYA® decking

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.

WoodCare 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 oil application 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 80g/1000g)
Safety:	Observe Safety Data Sheet and work accordingly
Packaging:	Standard 2,5L and 20L on demand

Technical Data: WOCA Exterior Oil

Consumption:	Approx. 80-100g/m ² 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
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 80g/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, Red Brown, Olive, Silver, Spruce as well as customized colours on demand.

Application:	
<u>Preparation:</u>	<p>ACCOYA® surface must be freshly sanded to a final grit of 150 or finer, dry and free from sanding dust, grease etc.</p> <p>This system is also suitable to ACCOYA® rough sawn or band sawn material</p>
<u>First application:</u>	<p>Apply WOCA Outdoor Primer by hand, spray gun, or roller- or vacuum coater etc. approx. 50-75g/surface m². Application done on all sides including the end grain.</p> <p>It is advisable to polish surface shortly after application of oil - with either rags or polishing brushes.</p> <p>Do not leave any excess material before final drying of wood surface. May be applied with rags and at same time polished into the wood surface too.</p> <p>Leave the wood on racks (or stick stacking) over night for drying. (12-24H at 20°C). Work pieces should not feel sticky before next treatment.</p>
<u>Second application:</u>	<p>Apply WOCA Exterior Oil by hand, by spraying guns, by roller- or vacuum coater. Quantity: approx. 50-75 gr. per m². Application done on all sides including the end grain.</p> <p>It is advisable to wet polish surface shortly after application of oil - either with rags, polishing brushes etc..</p> <p>Do not leave any excess material on surface before final drying of wood surface.</p>



	<p>May be applied with rags and at same time polished into the wood surface too.</p> <p>Leave the wood on racks (or stick stacking) over night for drying. (12-24H at 20°C). Work pieces should not feel sticky before packing.</p>
Viscosity correction:	Can be done if necessary by adding water, max 5-10%.
Cleaning equipment:	Hot water and WOCA Water based Cleaner
<u>Third application:</u>	<p>After installation, the ACCOYA® gets a final installation treatment with WOCA Exterior Oil using a paintbrush or the WOCA Exterior Oil Applicator. Apply it in a thin layer and remove excess oil with rags if necessary.</p> <p>ATTENTION! – If ACCOYA® boards are supplied in random or fixed length, and are to be docked/recut onsite to size, apply and seal WOCA OUTDOOR PRIMER by brush etc. in an even layer on the end grain to avoid water ingress and protect ACCOYA® against occasional mold growth.</p>
Occasional Maintenance:	<p>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.</p> <p>Typically between 12-36 months depending on:</p> <ul style="list-style-type: none"> - the chosen color - horizontal surface verses vertical surface - Surface pointing North, East, West or South <p>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.</p> <p>Frequency: the surface is inspected every 6-12 months and cleaned and re-oiled accordingly.</p> <p><i>When regular maintenance regime is conducted, no sanding will be needed between treatments!</i></p>
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:	



Tips:	<p>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</p> <p>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.</p>
--------------	---

Safety:

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

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

Others:

Please study additional inspirational material at:

- ✓ <http://www.wocadenmark.com/download/brochures>
- ✓ <http://www.wocadenmark.com/architects>
- ✓ http://issuu.com/woodcaredenmark/docs/woca_imagebrochure_uk

CONTACT:

WOCA Denmark

WoodCare Denmark A/S
Tvaervej 6
DK-6640 Lunderskov
Office: +45 99 58 56 00
E-mail: info@twoodcare.com
Web.: www.wocadenmark.com

WOCA Australia PTY

PO BOX 99,
Port Melbourne, VIC 3207
Australia
Office: 1 800 337 477 / Fax: 03 9646 4535
Kurt Beyer Mobile: 0412 746 970
kurt@wocaus.com.au
www.wocaus.com.au

DESIGN DENMARK NZ LTD

12 Maidstone Street
Ponsonby
1021 Auckland
New Zealand
Ph 64 9 361 3333
Free Phone 0800DENMARK
Fax 64 9 361 3313/ Fax 64 9 361 3313
Email: woca@designdenmark.co.nz
www.woca.co.nz



WOCA EXTERIOR OIL SYSTEM – Specification Sheet for



decking / manually applied - on site

Product description:

WOCA Exterior Oil systems are environmental friendly products based on vegetable oil components, water, hardener, UV-absorber, water repellent substances, and fungicides. The system is developed for optimal results on ACCOYA® decking enabling easy and simple maintenance. The system is based on WOCA Outdoor 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 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® decking
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. WoodCare Denmark accepts no responsibility for unintended use, damage or injury resulting from this product because of failure to follow the appropriate instructions. Warning: <i>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!</i>

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 oil application 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 80g/1000g)
Safety:	Observe Safety Data Sheet and work accordingly
Packaging:	Standard 2,5L and 20L on demand



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
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 80g/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, Red Brown, Olive, Silver, Spruce as well as customized colours on demand.

Application:	
<u>Preparation:</u>	<p>ACCOYA® surface must be freshly sanded to a final grit of 150 or finer, dry and free from sanding dust, grease etc.</p> <p>This system is also suitable to ACCOYA® rough sawn or band sawn material</p>
<u>First application:</u>	<p>Apply WOCA Outdoor Primer with a paintbrush or the WOCA Exterior Oil Applicator in an even layer.</p> <p><i>(Can be tinted if necessary. Ask WOCA for advice on how to do)</i></p> <p>Application done on all sides including the end grain.</p> <p>Do not leave any excess material before final drying of wood surface.</p> <p>Any excess material is removed with rags.</p> <p>Leave the wood to dry. (12-24H at 20°C). Surface should not feel sticky before next treatment.</p>
<u>Second application:</u>	<p>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.</p> <p>Leave the wood to dry over night for drying. (12-24H at 20°C).</p> <p>Wood should not feel sticky before final application.</p>



Third application:	<p>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.</p> <p>ATTENTION! – If ACCOYA® boards are supplied in random or fixed length, and are to be docked/recut onsite to size, apply and seal WOCA OUTDOOR PRIMER by brush etc. in an even layer on the end grain to avoid water ingress and protect ACCOYA® against occasional mold growth.</p>
Cleaning tools:	Hot water and soap
Occasional Maintenance:	<p><i>Depending on the wear and tear, the surface requires maintenance.</i></p> <p>In general, it is good policy to refresh the surface once a year or when required.</p> <p>Typically between 12-36 months depending on:</p> <ul style="list-style-type: none"> - the chosen color - horizontal surface verses vertical surface - Surface pointing North, East, West or South <p>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.</p> <p>Frequency: the surface is inspected every 6-12 months and cleaned and re-oiled accordingly.</p> <p><i>When regular maintenance regime is conducted, no sanding will be needed between treatments!</i></p>
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:	<p>Please also study all the educational how-to-do-videos on:</p> <p>www.wocadenmark.com/video</p>
Old wood:	<p>The wood is thoroughly cleaned with one of the WOCA Exterior Cleaning products depending on the wear and tear.</p> <p>Any old finish is sanded off until bare wood is achieved</p>



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

Others:
Please study additional inspirational material at: <ul style="list-style-type: none">✓ http://www.wocadenmark.com/download/brochures✓ http://www.wocadenmark.com/architects✓ http://issuu.com/woodcaredenmark/docs/woca_imagebrochure_uk

CONTACT:

WOCA Denmark
WoodCare Denmark A/S
Tvaervej 6
DK-6640 Lunderskov
Office: +45 99 58 56 00
E-mail: info@ttwoodcare.com
Web.: www.wocadenmark.com

WOCA Australia PTY
PO BOX 99,
Port Melbourne, VIC 3207
Australia
Office: 1 800 337 477 / Fax: 03 9646 4535
Kurt Beyer Mobile: 0412 746 970
kurt@wocaus.com.au
www.wocaus.com.au

DESIGN DENMARK NZ LTD
12 Maidstone Street
Ponsonby
1021 Auckland
New Zealand
Ph 64 9 361 3333
Free Phone 0800DENMARK
Fax 64 9 361 3313/ Fax 64 9 361 3313
Email: woca@designdenmark.co.nz
www.woca.co.nz