

osmo®

2024

YOUR GUIDE TO PERFECT
DECKING CARE.





ENJOY FRESH AIR,
VIEWS OF THE GREAT
OUTDOORS AND
NATURAL WOOD.

GOOD TO KNOW: DECKING CARE

Timber decking is hard-wearing and easy to maintain. However for this, it needs a certain amount of care. To maintain and protect decking, it can be treated with specially formulated Decking-Oil from Osmo. Decking-Oil repels dirt and protects the wood; at the same time, it allows wood to breathe. Maintenance is easy. When necessary, you can re-oil decking without sanding and spot repairs are also possible.

> **INITIAL CARE**

After the correct decking installation and after allowing it to weather for a certain period of time, the surface can be treated. Select Osmo Decking-Oil in a suitable colour for the wood species.

> **SPRING CLEANING**

After winter, decking can be refreshed. Decking must be thoroughly cleaned, for example by using Osmo Decking Cleaner. If necessary, you can renew the coating with an Osmo Decking-Oil.

> **ROUTINE MAINTENANCE**

Barbecues, mowed grass, sand from the sandbox – all this leaves behind dirt and deposits on your decking. Remove these regularly with Osmo Decking Cleaner. Your deck will appreciate it.

> **INTENSIVE CLEANING AND REFRESHING**

Is your decking grey and aged? Want to restore it to its original colour? No problem – with Wood Reviver Power-Gel from Osmo, the greying is removed.

> **REMOVING OLD COATINGS**

Has the existing decking sealer partially weathered away or does it look spotty? Perhaps areas of your deck are more heavily worn, or you want to recoat or change the colour of the whole deck. This is exactly what our Osmo Paint Remover Gel offers: a uniform and effective removal of old Decking-Oil and wood stains.

NORMAL CHARACTERISTICS OF TIMBER DECKING

> **WOOD EXTRACTIVES**

Wood extractives preserve wood. Depending on the wood species, these could be resin (softwoods), tannic acid (some hardwoods) or other extractives. When these natural extractives leach out, this can be dealt with in various ways. Wood species containing tannic acid should not come in contact with metal oxides, otherwise black staining may occur. Wood extractives dissolved by rain should be led away from surrounding building elements in order to prevent stains. Also on pressure impregnated wood, sometimes green-coloured leaching can occur. This mixture of resin and impregnation salts washes out over time.

> **CRACKS**

Natural climatic influences affect the wood differently depending on the wood species. This is how, for example, cracks form which have no influence on the durability of the wood. Cracking is a natural characteristic of wood and is unavoidable, but can be significantly reduced, for example, by oiling decking with Osmo Decking-Oil. End grains should be protected with Osmo End Grain Sealing Wax.


> **KNOTS AND WOOD GRAIN**

Depending on the wood species, the number and size of knots can vary. These give wood a lively, individualised look and are not flaws. Single knocked-out edge knots and small cracks around knots are not always avoidable but have no effect on the durability of the wood.

WEATHERED LOOK ON DECKING

CAUSES FOR A WEATHERED LOOK

- > *Wood extractives have not been weathered away.* The wood was saturated; the oils could not penetrate deeply enough and did not bind with the wood from inside.
- > *Release film on the surface.* A release film (e.g. resins and dirt) has prevented the necessary penetration and has strongly reduced the adhesion.
- > *Excessive moisture absorption.* Through improper constructional wood protection (e.g. waterlogging, screw holes within grooves, unprotected cut edges), water is absorbed through capillaries and infiltrates the treated wood.
- > *Wood moisture content at the time of application was too high.* The oils could not penetrate the damp wood sufficiently and therefore they cannot bind with the wood from inside.
- > *If too much oil is applied,* the pores will clog up and a layer will form. The result can be flaking or peeling. Therefore always apply oils thinly and evenly.



FLAKY COATING AS A RESULT
OF IMPROPER TREATMENT



INITIAL CARE

You have chosen high-quality timber decking for good reasons. To enjoy it for a long time, it is important to plan carefully. With timber decking, you can decide whether the surface should develop a natural patina through weathering and only apply a clear coating, or whether the original colour should be preserved with the help of pigmented and colour-matched oils.

If you have chosen a pigmented stain, the following should be observed.

- > Allow wood species with an especially high content of wood extractives to weather before the initial treatment.
- > Before the natural greying process begins, two coats should be applied in dry weather. For this treatment, Osmo Decking-Oil for the respective wood species can be used.
- > For a different colour, consult your local Osmo dealer. Ensure that the oil is always applied thinly, evenly and with the wood grain. Suitable for this kind of work is Osmo Decking Brush in combination with Osmo System Telescopic Handle – for quick and back-friendly work while standing.

As top coat on a colour treated decking, clear oils from Osmo (Decking-Oil 007 Teak, Anti-Slip Decking Oil) enable a less intense pigmentation. Anti-Slip Decking Oil has a non-slip effect.

As a single product application, both Decking-Oil 007 Teak and Anti-Slip Decking Oil are not suitable because without a pigmented base coat, they cannot withstand the high traffic and wear placed on decking as well as harmful UV radiation.

- > Revive greyed and aged wood with Osmo Wood Reviver Power-Gel before applying Osmo Decking-Oil.
- > The wood surface must be clean, dry and frost-free (moisture content max. 20%).
- > The finished surface is influenced by several factors, including the natural characteristics of wood. Therefore, a trial application is always required, especially for unfamiliar surfaces.
- > If additional protection against blue stain, rot and insects is desired, apply Osmo WR Base Coat* to the wood, if possible on all sides.

* Use biocides safely. Always read the label and product information before use.



Wood
Reviver **Power-Gel**



Decking-Oil



Anti-Slip
Decking Oil



WR Base Coat*



ROUTINE MAINTENANCE

Since surfaces in exposed outdoor areas face more wear and strain, they should be maintained regularly. Dirt and tough stains can be removed with water and Osmo Decking Cleaner. Any damage to the oiled surfaces (e.g. from small rocks) should be thoroughly cleaned and re-oiled. This can be done easily as a spot repair – no sanding required. Thus refreshing the whole area is first necessary after months of use.

- > Osmo Decking Cleaner is a concentrate and can be diluted in ratios from 1:1 to 1:25 depending on the amount of dirt and stains.
- > Clean decking with the mixture and an Osmo Decking Cleaning Brush or a hard bristle brush. Always work the wood grain. Afterwards rinse with clear water.
- > For larger areas, we recommend using our Osmo Decking and Flooring Cleaning Machine.



Decking Cleaner



Decking Cleaning
Brush with handle



Decking and
Flooring Cleaning
Machine

SPRING CLEANING

From time to time, oiled timber decking needs refreshing because Decking-Oil surfaces face natural weathering and mechanical wear. Spring cleaning is really simple with Osmo Decking-Oil. Timber decking can be easily cleaned and re-oiled before greying can begin. Scrub the whole surface thoroughly with an Osmo Decking Cleaning Brush and a mixture of water and Osmo Decking Cleaner.

After thoroughly drying, re-apply one coat of the wood coating last used; unweathered areas with a moderate amount of mechanical wear have to be recoated less often. If the surface of your decking seems to be too slippery, apply a thin layer of Osmo Anti-Slip Decking Oil after the pigmented Decking-Oil has dried.

- > Osmo Decking-Oil – new protection without sanding
- > Osmo Anti-Slip Decking Oil – for added safety
- > Osmo Decking Brush with handle, 150 mm in width – ideal for decking
- > High coverage – apply only a thin coat
- > 1 litre covers approx. 24 m² with one coat.



Decking-Oil



Anti-Slip
Decking Oil



Decking Brush
with handle



INTENSIVE CLEANING AND REFRESHING

Is your timber decking many years old and it still has not been coated? Has it developed a natural grey patina as a result of climatic influences, such as rain and UV radiation?

Restoring the natural colour of timber decking is really easy with the specially formulated Osmo Wood Reviver Power-Gel. Simply dampen the whole decking with clear water. Then apply Osmo Wood Reviver Power-Gel generously with Osmo Decking Cleaning Brush. After about 20 minutes, scrub the decking with a hard brush and rinse with a lot of water.

This job is even easier with the help of the Osmo Decking and Flooring Cleaning Machine. Its counter-rotating brushes clean decking even more intensively and remove loosened deposits at the same time.

After drying for about 48 hours, the revived wood surface should be protected and maintained with a coat of Osmo Decking-Oil.

- > Osmo Wood Reviver Power-Gel achieves a fresh look very quickly.
- > Gel product – easy application and increased effectivity
- > High coverage – no waste thanks to its gel properties
- > 1 litre covers approx. 10 m² of ribbed wood, depending on the level of greying.
- > Even more effective with Osmo Decking and Flooring Cleaning Machine
- > Osmo Decking-Oil – for durable protection
- > Cover sensitive plants.



Wood
Reviver **Power-Gel**



Decking-Oil



Anti-Slip
Decking Oil



Decking and
Flooring Cleaning
Machine



REMOVING OLD COATINGS AND EXISTING SURFACE TREATMENTS

After some time, every timber decking starts to weather, look spotty and show signs of wear and tear. With every look at the decking, the desire to restore the decking to an even and uniform surface increases. In such cases, Osmo Paint Remover Gel comes in handy! It removes old Decking-Oil and wood stains from timber decking and wooden garden furniture evenly and effectively.

- > Simply apply the gel generously to the dry surface.
- > Allow it to react for 30 minutes.
- > Keep the surface damp during the reaction time (e.g. with a spray bottle).
- > Afterwards scrub the surface with the wood grain and with a lot of clear water.
- > If the wood surface needs re-oiling after the treatment, the surface must be neutralised with Osmo Wood Reviver Power-Gel after drying.



Paint
Remover Gel



PROTECTING GARDEN FURNITURE

Your outdoor furniture has to withstand the same wear and strain as your timber decking faces: rain, weather and garden parties. Protect these wood surfaces against spilt drinks and food as well as rain and moisture with a clear oil-based coating.

Osmo Garden Furniture Oil is based on natural oils and will not crack, peel or flake. It improves the appearance of wooden furniture and reduces swelling and shrinkage. When it is time for a renovation, the surface can be recoated without sanding.

- > Clear oil-based wood finish for all wood in outdoor areas. Well-suited for the clear treatment of garden furniture and other similarly used surfaces.
- > Smoothens the wood surface and makes it water and dirt-repellent.
- > Easy to renovate; no sanding or primer necessary
- > 1 litre covers approx. 24 m² with one coat.



Garden
Furniture Oil



CLEANING WPC & BPC SURFACES

Decking made of polymer composites requires very little maintenance, but it cannot go completely without. Dirt and deposits (e.g. from barbecues) can be easily removed with Osmo Polymer Composite Cleaner.

After thoroughly drying, a thin coat of Osmo Polymer Composite Maintenance Oil can be applied. This clear impregnation oil penetrates deeply and will not develop a film on the surface. Through the impregnation, the surface becomes water repellent as well as resistant to dirt and stains.

- > Always apply Polymer Composite Cleaner to the complete area and never undiluted.
- > Not suitable for co-extruded surfaces
- > 1 litre cleans approx. 10-50 m², depending on level of contamination.
- > Polymer Composite Maintenance Oil provides very high coverage – thinly apply only.
- > 1 litre covers approx. 40 m².



Polymer Composite
Maintenance Oil



Polymer Composite
Cleaner



PROTECTION AND INITIAL CARE FOR STONE AND TERRACOTTA SURFACES

Due to the magnitude of various surface textures, stone surfaces have high requirements for care and maintenance. In open surfaces, dirt collects and stains quickly appear. They cannot be sanded away like on a wood surface; such stains have to be actively prevented.

Osmo Stone and Terracotta Oil was especially developed for stone and terracotta surfaces. This microporous impregnation oil enhances the stone colour and makes the surface water and dirt repellent.

Dust resulting from screed and concrete surfaces is greatly reduced.

- > Simple application, versatile in use
- > High coverage – apply only extremely thinly
- > 1 litre covers approx. 32 m² *

* Product coverage depends significantly on the character of the surface.
All information refers to smooth surfaces. Other surfaces may lead to significant deviations in coverage.





Paving and windowsills made of granite, limestone or slate can also be treated with Osmo Stone and Terracotta Oil.

On planters and flower boxes made of terracotta, the impregnation oil can be applied ideally with the Oil Finish Applicator Fleece included in Osmo Oil Finish Application Set.

Since the impregnation oil is free of biocide active ingredients, it can also be used on areas close to food, such as on stone barbecue pits.



Stone and
Terracotta Oil



Decking Brush
with handle



Oil Finish
Application Set



THE RIGHT CARE – SO YOU CAN ENJOY
YOUR TIME IN THE GREAT OUTDOORS!

ONLY THE BEST FOR WOOD

Further information about our products can be obtained at your local dealer, in our decking brochure and also on the Internet at www.osmo.com.



END GRAIN SEALING WAX

For decking and other end grains. Protects against cracking on end grains and reduces swelling and shrinkage. Water and dirt repellent.



WR BASE COAT*

Clear impregnation for exterior use. Protects against rot, blue stain and wood-destroying insects. Reduces swelling and shrinkage.



DECKING-OIL

Decorative wood protection finish for timber decking and garden furniture made of numerous fine woods. Decking-Oil smoothens the wood surface and makes it water and dirt repellent. Clear or transparent colours.



ANTI-SLIP DECKING OIL

Slip-resistant top coat for exterior use. The coating is protected against mould, algae and fungus attack.



STONE AND TERRACOTTA OIL

Clear impregnation oil for open surface natural and artificial stone with polished, sanded or break surfaces.



DECKING CLEANER

Highly effective concentrate for cleaning all timber decking in outdoor areas as well as privacy screens, fencing and garden furniture made of wood.

* Use biocides safely. Always read the label and product information before use.



PAINT REMOVER GEL



Non-drip and deeply effective. Paste-like Paint Remover Gel is for removing old, existing Decking-Oils and wood stains on timber decking and garden furniture made of wood. Ideal for removing oil based surface finishes on partially weathered timber decking in outdoor areas.

WOOD REVIVER **POWER-GEL**



Non-drip and deeply effective. Especially formulated cleaning gel for reviving and cleaning greyed wood in outdoor areas (decking, timber cladding, garden furniture).

POLYMER COMPOSITE MAINTENANCE OIL



Clear impregnation oil for maintaining and refreshing weathered WPC and BPC. Not suitable for co-extruded surfaces.

POLYMER COMPOSITE CLEANER



Deep cleaning agent for WPC and BPC decking and privacy screens as well as all other polymer composites in outdoor areas. Not suitable for co-extruded surfaces.

DECKING BRUSH SET



Ideal for the manual application of Decking-Oils. Contains roller tray with ridged area, disposable tray inserts (3 pieces), Decking Brush with handle (150 mm wide) and connector for Osmo System Telescopic Handle, Flat Brush (25 mm).

DECKING CLEANING BRUSH WITH HANDLE



Available with a width of 150 mm and a connector for the Osmo System Telescopic Handle. Thanks to its ergonomic handle, it is suitable for manual cleaning of smooth and profiled decking.



DECKING BRUSH WITH HANDLE

Thanks to the ergonomic handle and connector for the Osmo System Telescopic Handle, it is suitable for the manual application of Decking-Oil. Available width: 150 mm



BRUSH CLEANER AND THINNER

For the cleaning of tools after applying Osmo wood finishes, oil or synthetic resin finishes. Cleans brushes quickly and effortlessly!



SYSTEM TELESCOPIC HANDLE

High quality aluminium Telescopic Handle with Soft-Touch grip and Quick Connect technology. Adjustable length: 120-200 cm.



FLAT BRUSH

Available in the widths: 25, 50, 60, 80 and 100 mm. Suitable for the application of all coatings from Osmo.



DECKING AND FLOORING CLEANING MACHINE

Suitable for the home and garden. Loosens and removes dirt in one clean work step. Ask your local dealer!

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GmbH & Co. KG**

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