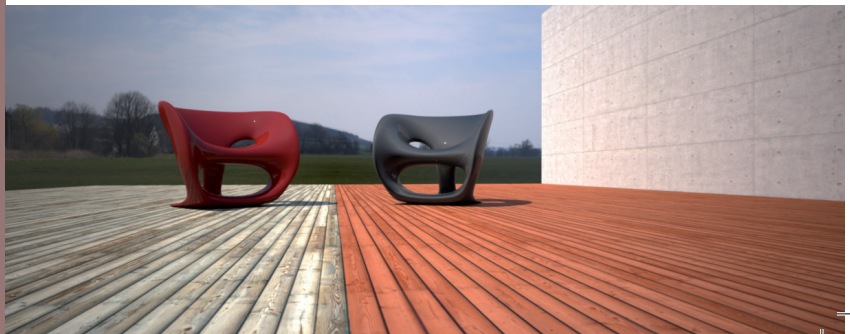


The Maintenance Booklet for wooden terracing, furniture and other surfaces in outdoor areas

Why maintenance and protection for wood in outdoor areas?

The initial starting point:

- wooden surfaces become rough, cracked and grey due to wind and weather influences (there is a reduction in the lignin resin in the top layers of the wood) The speed with which this happens depends on the one hand on the quality of the wood, and on the other on the maintenance of the wood.
- the effect of water causes the wood to swell and this washes the surface out.
- blazing sun and heat lead to cracks and to the destruction of the wood.
- areas that are exposed to a lot of shade have a tendency to moss and algae growth and are slippery when damp (even so-called anti-slip patterns can not prevent this effect. Fungal decay and rot can occur).
- scratching insects (e.g. wasps) live off the wood
- due to wood greying, and in order to maintain the surface, the wood in outside areas (wood terraces, wooden decking, garden furniture, wood cladding, carports) needs to have a professional clean and a „Filter“. This can only be done using colour pigments. The higher the percentage of pigment, the better the protection and the less often a further treatment is required. Every wood particularly that in outside areas, should be given the correct treatment from the start. Only in this way can long-life for the relevant elements be guaranteed. The high quality IRSA products significantly improve and increase the life expectancy of the wooden surfaces in outdoor areas.





The cleaning with IRSA Aqua Cleaner 5000 Outdoor

Using IRSA Aqua Cleaner 5000 Outdoor in a manual cleaning process (e.g. with a scrubbing brush) leaves the natural greying. Application with a machine (e.g. with a brush machine) with IRSA Aqua Cleaner 5000 Outdoor gives a particularly effective clean. IRSA Aqua Cleaner 5000 outdoor is particularly suitable for normal dirt, for interim cleaning, for the removal of moss and algae growth and to protect it from any new growth as well as a preparation for the use of IRSA Wood Refresher and/or for the final maintenance oil treatment.

Consumption: IRSA Aqua Cleaner 5000 outdoor is to be applied to the surface either pure or diluted (1:5) according to the degree of dirt. The loosened dirt should then be continually removed from the surface until surface is completely clean of any residue.

De-greying the wood with IRSA Wood Refresher

IRSA Wood-Refresher is a liquid special cleaning fluid (pure or diluted up to 1:5) for the refreshing and cleaning of greyed wood in outside areas. The highly effective brightener is all-purpose – whether on greyed Kekatong or Bangkirai terracing or to lighten greyed coniferous wood. Treat the surface with IRSA Wood Refresher (if necessary with a scrubbing brush) for so long until the surface gets an even colour tone.

Consumption: According to the degree of dirt use 1 litre for approx 10-50 m² (for 1 m² between 20-100ml).

The natural colour tone of the greyed outside wood is re-established, the fresh, warm colour tone is renewed and has a visibly lasting effect after treatment with the coloured IRSA oils suitable for outside areas. IRSA Exotic Wood Oil and/or IRSA Wood Oil protect long-term and the original colour tone of the wood which is visible again remains intact.

The oil treatment

with IRSA Exotic Wood Oil and IRSA Wood Oil (refined natural oils like sunflower oil, soya oil, Swiss stone pine oil, thistle oil, rapeseed oil, tree gum, cobalt and calcium soaps, odourless hydro carbons, pigments) we offer a presentable colour selection:

IRSA Exotic Wood Oil has a light dark brown tone and this makes it particularly useful for Thermo wood and exotic wood types (e.g. Kekatong, Teak, Bangkirai, Iroko, Ipe, Mahogany, Meranti, Nyatoh, Jarrah, Belinga etc.). However, it can also be used for native wood types.

IRSA Wood Oil is used in particular for native wood types (e.g. pine, Douglas fir, larch, robinia). It is available in the following colours: colourless (only to lighten the following colours), white, magenta/oxblood red, pigeon blue, papyrus white, sand grey, platinum grey, larch, copper brown.





The colours can be intermixed. To protect against blueness, fungi and rot we recommend a pre-treatment with a suitable standard impregnating primer.

Both oils should only be applied onto dry surfaces. They contain tough, weather resistant oils and micro fine pigments. Thus UV rays are effectively blocked, the wood surface becomes extremely water repellent and is protected from damage. (Formation of cracks due to swelling and shrinking of the wood is prevented to the greatest possible extent). IRSA Exotic Wood Oil and IRSA Wood Oil are free from poisonous substances, are ecologically safe and, once dry, are free from any odour. The surface remains open-pored; it can breathe and can be entirely or only partially re-coated without any interim sanding required. A test patch should generally always be carried out.

Exotic Wood Oil

Brown coloured, protects exotic wood types (e.g. Bangkirai, Teak, Ipe, Iroko, Kekatong, Mahogany, Meranti, Nyatoh, Jarrah, Belinga) but is also suitable for native wood types as e.g. Douglas fir, larch and cedar.

IRSA Exotic Wood Oil contains tough, weather resistant oils and micro fine pigments. Thus UV rays are effectively blocked and the wood is protected from being destroyed.

IRSA Exotic Wood Oil is free from poisonous substances and, once dry, is free from any odour. It enhances the colour tone of the wood without greatly altering the exotic wood colour tone. The product hardly builds up any film layer so that it gives terrace flooring in particular an excellent durability (hardly any layer build-up means hardly any abrasion). The surface remains open-pored; it can breathe and can be entirely or only partially re-coated without any interim sanding required.

Consumption: 1 litre is sufficient for approx. 20 m² per coat = 50 ml/m² per coat.

Areas of application: for exotic woods in outside areas such as terrace flooring, wooden decking, carports, garden furniture.

IRSA Wood Oil

white, larch, magenta/ox blood red, pigeon blue, papyrus white, sand grey, platinum grey, copper brown, other colours on request. Protects native hard and soft wood types, as e.g. Douglas fir, robinia, larch, pine, spruce and cedar.

IRSA Exotic Wood Oil contains tough, weather resistant oils and micro fine pigments.

Thus UV-rays are effectively blocked and the wood is protected from being destroyed.

IRSA Wood Oil is free from poisonous substances and, once dry, is free from any odour. If necessary apply a standard impregnating primer against fungi attack, blueness etc..

The product hardly builds up any film so that it gives terrace flooring in particular an excellent durability (hardly any layer build-up means hardly any abrasion)The surface remains open-pored, it can breathe and can be entirely or only partially re-coated without any interim sanding.

Consumption: 1 litre is sufficient for approx. 20 m² per coat = 50 ml/m² per coat.

Areas of application: for all hard and soft wood types in outside areas such as terrace flooring, wooden decking, carports, garden furniture.

The characteristics of IRSA Exotic Wood Oil and IRSA Wood Oil at a glance:

- Simple and fast application
- Water-repellent surface is achieved
- Sinks into the wood, does not flake off
- Protects against bleaching
- Protects against weathering, reduces the risk of green film
- Effective in regulating humidity
- After oiling the wood is protected from drying-out and the possibility of cracks forming is reduced
- After treating with the Wood-Oil the wooden surface not only looks more decorative, but it is also easier to maintain, protected from the effects of dirt and can withstand the weather
- Easy cleaning and after care
- low cost

We hope you have much pleasure with your
freshly treated outdoor wood!

Your IRSA Team



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General details:

Generally a test coat should always be carried out. Further details can be taken from our technical data sheets, the safety data sheets, the product labels and the full declaration to the aforementioned products.

Additionally you can obtain further information under
www.irsa.de/download

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