



The Solution

Bondall PTY LTD
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TECHNICAL DATA SHEET

MONOCEL FURNITURE OIL

REVISION: JUNE 2021

MONOCEL FURNITURE OIL

Monocel Furniture Oil has been designed to preserve and maintain the natural look of exterior timber furniture. Giving a tough smooth and water resistant coating, highlighting and enriching the natural colour and characteristics of the timber. A high performance furniture oil incorporated with UV absorbers to protect the timber from harsh Ultra Violet light exposure.

Features & Benefits

- Enhances the natural appeal of timber
- Water resistant
- Prevents growth of mould and algae
- Long lasting oil finish
- Easy to use
- Easy to maintain and re-apply

Uses

- Timber furniture
- Timber panelling
- BBQ trolleys
- Benches/seats
- Most uncoated timber

Coats & Coverage	
Full application 2 coats	10 - 17m2 per Litre
Light maintenance coat	17m2 per litre
Coverage based as a guide only	

Coverage

Approximately 17 square metres per litre (each coat)
Coverage rates offered are only guidelines, on certain surfaces this may vary considerably from our estimations as actual coverage achieved is influenced by surface porosity, texture, tools and application technique used. The film build of Monocel Furniture Oil must be gradually built up in order to achieve a tough, long lasting finish. This can be achieved by allowing each coat to thoroughly penetrate in and dry between coats for continued protection surface must be maintained by re-coating every 6-12 months

Dilution	
1st Coat	Un diluted
2nd coat +	Undiluted
Low pressure spray gun	Dilution *5-10%
Application ease	Dilution 5%
Average ratio 1L Oil	100-150ml Mineral Turpentine
Dilute with mineral turpentine if required*	

Dilution

Furniture Oil is ready to go in the container, no dilution is necessary, but to aid in application if spraying, product can be thinned with no more than 10% clean mineral turpentine.

If subsequent coats are diluted an additional coat is required to ensure optimum film build is achieved.

Dry times	
Tack free	4 hours
Re-coat	24 hours
Dry through	24 hours
Based on standard ambient conditions. Humid or wet conditions may increase the dry times.	

Colours, Variations & Appearance

Monocel Furniture may darker in the container, some settlement may be visible – shake to mix.
Monocel Furniture will dry clear/oiled.



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Surface Preparation

- Surface preparation is critical to the outcome and longevity of this product.
- Do not apply if temperature is above 35 °C or below 10°C or if rain is expected within 24 hours.
- All surfaces to be coated with Monocel Furniture Oil should be clean and dry, free from wax, oil, grease and other contaminants. Fine sand with 240-grit sandpaper, rounding off all sharp edges and corners and then thoroughly dust prior to application. A tack rag is recommended for dusting.
- All previous paint, varnish, shellac or lacquer must be totally removed and stripped back to bare timber before coating with Monocel Furniture Oil. If the surface has been previously coated with Monocel Furniture Oil and is still in a good condition, the surface should be lightly sanded and thoroughly cleaned before recoating.
- Ensure adequate ventilation during use.

ALWAYS test the product on a small inconspicuous area or off-cuts first to ensure the product does not react adversely with surface and ensure the product is suitable for your specific requirements.

Application Tips

To maintain the quality finish of Monocel Furniture Oil Varnish light sanding and re-coating is ideally carried out annually – or as required if the surface is exposed to harsher abrasions.

Good ambient temperatures will assist in the flow of Monocel Furniture Oil.

Testing a small inconspicuous area first is essential, due to the varied nature of wood & timber certain species have richer tannins builds, are softer or harder and various porosity /absorption rates

Application

Agitate/tip the bottle before use to mix the contents. Insufficient mixing can result in inconsistency in finish.

If pouring contents out from bottle – stir to mix.

Apply liberally to all surfaces including exposed edges and end grain.

Once timber is fully saturated wipe of any excess. Allow to dry overnight. Apply second coat and wipe of any excess AFTER 30 minutes and allow to dry for a further 24 hours

For large areas, a short nap mohair roller is recommended.

Touch dry in 4 hours. Allow 24 hour between coats.

Ensure surface is completely dry before using equipment or returning to usual usage.

Coats and Re-application

2 coats is recommended.

Re-coat after 6 – 12 months depending on degree of exposure to external elements.

Drying

Monocel Furniture Oil will be dry to touch in approximately 6 hours at 25°C and 50% humidity, a minimum of 24 hours drying should be allowed to properly dry through before applying the second coat. Drying times are a guide only and longer drying times may be required in cooler or humid conditions.



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Precautions

Allow all new timber to age and weather for at least 6 – 8 weeks. To allow for proper penetration some resinous timber such as Jarrah & Merbau may require additional weathering. (it is also advised these timbers are washed with mineral turpentine prior to coating.

New Timbers that are rich in tannins and oils should be cleaned with oxalic acid or oil removing products *may* assist in removing the tannins, then a small test patch carried out to ensure proper penetration and adhesion is achieved.

Not suitable for foot traffic or food prep areas (chopping boards)

Clean Up & Storage

Clean all equipment promptly in clean mineral turpentine.
Rinse in fresh water with a drop of detergent
Seal washing and unwanted leftovers and dispose of responsibly. (Solvent disposals vary per council regulations)
For small disposal, brush out remaining varnish on waste paper or board, allow to dry then discard.

Safety

Store out of reach of children. It is recommended that normal personal protective clothing should be worn, including coveralls, impervious gloves and goggles. Avoid unnecessary skin contact and inhalation. Use a suitable respirator if spray application is employed. Refer to MSDS for full details (www.bondall.com).

Skin: Wash the area well with running water.

Eyes: Flush the eye with running water for several minutes, contact your doctor.

Breathing: Use in a well-ventilated area; when spraying, use a suitable respirator.

Swallowed: Wash mouth thoroughly with water, do not induce vomiting and contact your doctor or the Poison Information Centre on AUS: 13 11 26 or NZ: 0800 764 766

Disclaimer

The information contained here is given in good faith and is intended to be of assistance to users. The performance of this product is dependent upon its correct preparation and application onto a sound surface and attention to the instructions on the label. The wide variety of surface conditions makes it impossible for the company to assume liability for any loss, consequential or otherwise, arising from the use of this product. Should the product be found defective, our liability shall be limited to the replacement of the product only. We reserve the right to amend specifications and application techniques without prior notice.

For further advice please contact the Bondall Advisory Service.