

## 1C PU Oil

BIO based polyurethane oil for wood

1C PU Oil is a polyurethane modified oil based on renewable resources.

### Intended Uses:

1C PU Oil is used to colour, protect, and enhance the natural look and feel of wood surfaces. It can be used on interior & exterior wooden surfaces such as furniture, flooring, roof trussing, windows, doors and decking. Once applied the surface remains open pored, breathable and with an untreated appearance but imparts a silky-smooth surface resistant to water, oils, chemicals and mechanical wear.

In high traffic areas it is recommended to add the 2C PU Oil Hardener at 3.5 % - 3.5 grams per 100 grams of 1C PU Oil.

### Properties:

- Available in over 40 standard colours.
- Enhanced look and feel of wood.
- ZERO VOC - does not contain water or solvents.
- BIO based, produced from renewable resources.
- No overlaps or streaking marks.
- Can be applied to all wood types.
- Oils are natural preservatives of wood.
- Easy to apply in 1 layer.
- Pleasant odour.
- Fast drying, handle within 5 minutes.
- Non film forming so it won't flake off.
- Resistant to water, oils, chemicals & mechanical wear.

### Technical Data:

Colour	<ul style="list-style-type: none"> <li>• 40 Standard Colours – Refer to colour chart</li> <li>• Available in Clear</li> <li>• Special colours available on request</li> </ul>
Finish	Non film forming, natural matt appearance
Density (approx.)	1.0 Kg/ Litre (on clear base)
Volume Solids	100%
Typical Film Thickness	30µm per coat
Theoretical Coverage	33.00 m <sup>2</sup> /litre at 30 microns DFT, allow for loss factors
Method of Application	Spray or rag applied.
Number of Coats	1 to 3
Pack Sizes	400 ml, 1 Litre & 5 Litre

### Application:

#### Step 1:

Remove any traces of glue and contamination which will affect the absorption of the oil using **1C PU Oil – Wood Cleaner**.

#### Step 2:

Abrade wood surface with 300 grit or finer sandpaper. Finish off sanding in the direction of the grain by hand, this directly affects the smoothness of the final application.

### Wood Finish: Oils

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

**Step 3:**

Stir oil thoroughly & spray or rag apply 1C PU Oil to evenly wet the surface.

**Step 4:**

Wipe off using a lint free cloth or rags ensuring no shiny spots remain.

**Limitations & Warning:**

- Do not apply in direct sunlight or in temperatures below 10°C.
- Do not dilute.
- Soak all rags in water after use. Rags left to dry out will spontaneously ignite.

**Storage:**

- Shelf Life: 36 months from manufacture date if stored in dry conditions and in original packaging.

**Precautions:**

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.