

PRODUCT ADVICE SHEET

OIL UNDERCOAT

A high opacity combined primer undercoat that is suitable for both wood and metal for interior and exterior applications.

PROPERTIES

Gloss Level: Matt (less than 8%)
Theoretical coverage: 16 square metres per litre (varies with surface porosity & texture)
Dry Film Thickness Range: 40 microns dry, per coat
Recommended number of coats: 2
Surface dry: 4 hours
Time to recoat: 16 hours minimum
Volume solids: 61%
Colour availability: All Paint & Paper Library colour card colours
Pack size availability: 750ml & 2.5L

APPROVALS & STANDARDS

Manufactured under the auspices of ISO 9001:2008 quality & ISO 14001:2004 environmental management systems.
2004/42/EC EU limit value for this product (cat. A/d sb): 297g/l (2010). This product contains max. 300g/l VOC.
This product has been tested under the regulations outlined in French Indoor Air Quality Decree No 2011-321 – Arrête April 2011 and was awarded an A.

SURFACE PREPARATION

HARDWOOD:

Not recommended for direct application to resinous hardwoods. Resinous hard woods require cleaning and treatment with Little Greene Aluminium Wood Primer (consult the relevant product data sheets for further details) prior to undercoating. For non resinous hardwoods, lightly sand just prior to painting for best performance. Seal knots with a proprietary knotting compound.

SOFTWOODS:

Lightly sand wood, just prior to painting, for best performance. Seal knots with a proprietary knotting compound. Ensure moisture content of the timber is below 15% before commencing application. Damp wood should never be painted as this may give rise to blistering, flaking, cracking and premature coating failure. Green oak should not be painted unless it has been weathered for at least 6 months.

METALS:

New ferrous metalwork should be hand, or mechanically cleaned, to remove any surface rust before application of Paint & Paper Library Oil Undercoat. Non ferrous metals must be pre-treated or primed with an appropriate proprietary primer.

EXISTING PAINT FINISH:

Remove all loose and flaking paintwork. Degrease with a suitable detergent solution, such as sugar soap, followed by clean water rinse. Rub down thoroughly with a medium grade sand paper to provide a key and a defect free smooth surface, “feathering in” areas where paint has been removed. Make good any repairs, sand and apply primer to exposed surface as appropriate.

PLASTICS:

For long term performance, clean & lightly sand down surfaces, using a proprietary adhesion promoting plastics primer before applying the finishing coat. When item is to be fully encapsulated in the paint (such as external down pipes) then a light rub down is more than adequate.

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APPLICATION

Stir thoroughly before use. Do not apply to surfaces when the ambient temperature is below 5°C.

BRUSHING:

Use a high quality natural bristle brush that is suitably sized for the project at hand. New brushes should be conditioned by washing in clean white spirit and thoroughly drying with a clean, lint free, cloth.

Avoid immersing brush too far into the paint to prevent paint from entering the ferrule. Avoid drips and splashes by not overloading the brush. Apply paint in even strokes and only extend painting area such that a wet edge can be easily maintained. For the highest quality appearance, keep final brush strokes all in the same direction and never go over paint that has already begun to dry. Note that some softwoods may require a 5% v/v addition of white spirit to Paint & Paper Library Oil Undercoat to ease application.

ROLLER:

Use a short nap mohair type sleeve for best appearance on smooth surfaces. Increase nap length for textured surfaces, as appropriate, to ensure even and thorough coverage. Keep final strokes all in the same direction, maintaining a wet edge throughout. Never be tempted to go over already drying paint as this will lead to lap marking and flashing.

SPRAY FINISHING:

Conventional

Thin with up to: 25%(v/v) white spirit

Tip size: 1.60 to 2.00 mm (62 to 78 thou)

Air pressure: 0.28 to 0.41 MPa (40 to 60 psi)

Airless

Thin with up to: 10%(v/v) white spirit

Tip size: 0.28 to 0.54 mm (11 to 21 thou)

Pressure at tip: 12.6 to 19.6 MPa (1800 to 2800 psi)

RECOMMENDED FINISHING SYSTEM

Finish with two coats of Paint & Paper Library Oil Gloss. Additionally, Paint & Paper Library Oil Undercoat may alternatively be finished with Paint & Paper Library Architects Eggshell (consult the relevant product data sheets for further details).

CLEANING

Remove excess paint and clean all equipment using white spirit, or appropriate substitute, immediately after use. Never store brushes or roller sleeves in cleaning solvent as this will result in deterioration of their application performance.

STORAGE & SHELF LIFE

Store unused paint in a cool, dry, frost free area, away from direct sunlight and sources of ignition. Ensure tin lids are securely and correctly replaced after use. When unopened and stored under the conditions above, this product is stable for a minimum period of two years.

AFTERCARE

DISPOSAL & RECYCLING

Dispose of excess or waste paint via a licensed waste handling operator. Empty metal containers may be recycled (remove plastic handle on 2.5L tins).

HEALTH & SAFETY

Always read the label on the can before use. Ensure maximum ventilation during application and drying. Consult product material safety data sheet for further details.