

# PRODUCT DATA SHEET

## RONSEAL TRADE POLYURETHANE VARNISH

Ronseal Trade Polyurethane Hardglaze, Satincoat and Mattcoat Varnish are polyurethane based varnishes for the protection of interior wood. The transparent finish enhances the natural beauty of wood whilst providing long lasting protection against knocks, scuffs and scratches.

### INTRODUCTION

Ronseal Trade Polyurethane Varnish provides a clear finish which displays and highlights the natural beauty of wood. It is suitable for both soft and hard interior wood.

Ronseal Trade Polyurethane Varnish forms a tough, durable seal and is resistant to boiling water, alcohol, hot plates and household chemicals.

Ronseal Trade Polyurethane Hardglaze Varnish provides a high gloss finish. The level of gloss is largely controlled by the number of coats applied and a three coat application will result in a high gloss finish on most woods. The Satincoat and Mattcoat variations give an equivalent performance where a non-gloss finish is required.

### COMPOSITION

Ronseal Trade Polyurethane Varnish is a low viscosity, polyurethane based varnish in aliphatic hydrocarbon solvent.

### PROPERTIES

Viscosity – Low viscosity.  
Odour – Characteristic solvent type.  
VOC Content – High (25-50% w/v).  
Immiscible with water.

### FIELDS OF APPLICATION

Ronseal Trade Polyurethane Varnish may be used for interior applications on new softwood, hardwood, for example doors, window frames, skirtings, architraves and panelling.

Ronseal Trade Polyurethane Varnish is not suitable for domestic floors, however Ronseal Trade Ultra Tough Floor Varnish is designed specifically for this purpose.

### APPLICATION

Ronseal Trade Polyurethane Varnish should be applied only to clean, dry surfaces from which all traces of dust, oil, grease and wax polish have been removed. Ensure the room is warm and well-ventilated.

Sand the wood in the direction of the grain using 120 grit paper. Wear a suitable mask to avoid the inhalation of dust. Wipe away dust with white spirit and allow to dry.

Always use a good quality, soft bristle brush. Ronseal Trade Polyurethane Varnish should be flowed on with the minimum brushing required to avoid runs. It has excellent flow,

good wet edge time and is easily applied by brush under normal conditions.

Stir the varnish thoroughly. Apply 3 coats leaving 6 hours between coats. Lightly sand with 240 grit paper and remove dust prior to application of the final coat

### COVERAGE

Up to 21 m<sup>2</sup> per litre. Coverage will vary depending on absorbency of the substrate.

### DRYING TIME

Ronseal Trade Polyurethane Varnish is tack-free in about 2 hours. Drying times may vary according to prevailing temperatures, humidity levels and the substrate.

Allow 6 hours between coats.

### CLEANING OF TOOLS

All equipment should be cleaned immediately after use with white spirit.

Remove as much product from brushes and equipment prior to cleaning.

### MAINTENANCE

Normal cleaning is usually the only requirement.

### REPAIR

Damaged areas can be repaired by local applications of Ronseal Trade Polyurethane Varnish and additional full coatings can be applied after long periods of use. Promote adhesion for repairs or additional coats by light abrasion.

### IMPORTANT NOTES

Wooden and metal surfaces particularly in pre-1960 buildings may have previously been treated with paint containing lead pigments. Special care must be taken when sanding or stripping. Professional decorators should carry out a COSHH assessment before any work is carried out. For further information consult our Technical Services Department.

Avoid the inhalation of sanding dust, wear a suitable mask or employ wet sanding techniques.

There are certain surfaces to which Ronseal Trade Polyurethane Varnish and other varnishes will not adhere satisfactorily. The most common is oil tempered hardboard, and factory pre-sealed cork tiles.

The oil based formulation of Ronseal Trade Polyurethane may have a darkening or mellowing effect. Different woods give varying end results. Always pre-test for suitability on a small, inconspicuous area, prior to use.

In general, oil bound woods may retard the drying time and prevent adequate adhesion. Washing the surface thoroughly with white spirit is advised when treating oil bound woods.

### STORAGE

Store in a cool, dry, well ventilated place away from heat and sources of ignition.

Carefully reseal partly used containers.

To avoid the risk of spillage always store and transport in a secure upright position.

The shelf life of the product in airtight containers is at least 5 years. Always pour any product remaining into correctly labelled smaller tins leaving little air space above the liquid.

### HEALTH AND SAFETY

Observe and follow all warnings and instructions for use shown on the pack.

Ensure maximum ventilation during application and drying.

When applying to large interior surface or in confined spaces, wear a face mask which is designed to prevent inhalation of solvent vapours.

Specific health and safety data sheets are available on request.

### FLAMMABILITY

Flash point 41°C.  
Flammable.

Keep away from sources of ignition. No smoking.

Certain textiles saturated with this product are liable to spontaneous combustion on drying, particularly if stacked or compressed.

### SUPPLY

Obtainable from DIY retailers, paint suppliers and builders merchants.

## **SIZES**

750 ml & 2.5 litre resealable containers.

## **DISPOSAL**

Certain local authorities have special facilities for the disposal of waste paint/varnishes.

Do not empty product into drains or watercourses.

## **LIABILITY**

Whilst these specifications are based on expert technical knowledge and practical experience, we cannot assume responsibility for any work as the ultimate result depends on factors beyond our direct control. Standard codes of painting practice should be followed.

## **INFORMATION AND SERVICE**

Our Technical Services Department will be pleased to offer specific guidance or provide any further information you may require.

## **DATA SHEETS**

Data sheets on other Ronseal products are available on request from our Technical Services Department.

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