

# PRODUCT DATA SHEET

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## RONSEAL GARDEN CARE HARDWOOD FURNITURE STAIN

Ronseal Hardwood Furniture Stain is a unique, highly durable and flexible coating for the decoration and protection of exterior hardwoods. Its high build flexible alkyd, wax enriched formulation provides a long lasting water repellent finish, resistant to cracking, peeling and blistering, which enhances the natural beauty of the wood but also protects from water and UV damage. Ronseal Hardwood Furniture Stain is available in both clear and coloured natural matt finish.

### INTRODUCTION

Ronseal Hardwood Furniture Stain is designed to protect most types of exterior hardwood from the damage and discoloration caused by natural weathering. It may be applied to bare wood or wood that has been previously varnished, woodstained or oiled after appropriate preparation.

Ronseal Hardwood Furniture Stain's advanced formulation provides an extremely durable and flexible finish. The flexibility is maintained when exposed to weathering giving excellent resistance to cracking, peeling and blistering. In addition, the formulation controls moisture vapour permeability thus limiting decay due to wet rot.

Ronseal Hardwood Furniture Stain's wax enriched formula will provide a excellent waterproof barrier against the elements. The high quality pigments provide fade resistant colour as well as protecting wood from UV radiation helping to resist greying and discolouration

Ronseal Hardwood Furniture Stain provides a natural matt finish, which enhances the natural beauty of the wood.

### COMPOSITION

Ronseal Hardwood Furniture Stain is formulated using a flexible alkyd resin in white spirit. It also contains pigments to provide protection from UV light and waxes to provide water repellancy.

### PROPERTIES

Appearance – Orange/brown hazy liquid.  
VOC Content - Very High (Greater than 50% w/v)  
Viscosity – Low to medium.  
Odour – Characteristic solvent type.  
Immiscible with water.

### FIELDS OF APPLICATION

Ronseal Hardwood Furniture Stain is recommended for use on most exterior hardwood surfaces including garden furniture, benches, window boxes, planters, gates, summerhouses, window frames, doors, conservatories and all other exterior hardwood surfaces. It may also be used on previously varnished, woodstained or oiled wood, after suitable preparation.

### PREPARATION

Thorough preparation is the key to maximum performance. The durability of the product will be impaired if it is applied to an unsound or poorly prepared surface.

The treatment of a small test area to confirm colour acceptability is recommended.

### *Bare Wood*

Make sure the wood is clean and dry and free from traces of dirt, oil, grease or wax. Lightly sand to remove any loose wood fibres and wipe with white spirit.

Oily timbers, resinous areas and knots should be thoroughly wiped down with white spirit prior to sealing.

### *Previously Oiled Wood.*

Ensure all residual traces of oil are completely removed by wiping thoroughly with white spirit 2 or 3 times, then treat as bare wood.

### *Previously Varnished, Painted, Woodstained or weathered Wood.*

All previous coatings should be totally removed prior to application (see 'IMPORTANT NOTES'). Sand back to clean sound wood and treat as bare wood.

### APPLICATION

Stir thoroughly prior to and during use.

Apply even coats and finish in the direction of the grain avoiding overlaps. Apply 3 coats, the first coat may be thinned with up to 15% white spirit to improve penetration and adhesion.

Always pay particular attention to completely sealing joints and areas of end grain.

Recoat overnight, if more than 48 hours has elapsed between coats, rub down with wet and dry paper (240-300 used dry or 320-400 grade used wet) to achieve maximum inter-coat adhesion.

Always use a good quality, soft bristle brush. Ronseal Hardwood Furniture Stain has excellent flow properties and good wet edge time. It is easily applied by brush under normal conditions.

Do not apply in direct sunlight, in wet conditions or if rain is likely before the product has dried.

### COVERAGE

Up to 15m<sup>2</sup>/litre/coat.

Coverage will vary dependent upon the porosity of the substrate. Apply in accordance with the coverage guidelines or performance will be impaired.

## **DRYING TIME**

Touch dry in 4-6 hours. Recoat overnight.

Drying times will vary dependent upon prevailing temperatures, humidity and the substrate.

Allow coating to thoroughly dry before subjecting to heavy wear and allow 48 hours before placing soft furnishings in contact with the treated hardwood.

## **CLEANING OF TOOLS**

All tools and equipment should be cleaned immediately after use with white spirit or a proprietary brush cleaner.

Remove as much product as possible from tools and equipment before cleaning.

## **MAINTENANCE**

Normal cleaning is usually the only requirement. Inspect all coated areas regularly (particularly in autumn and spring) and reapply further coats if necessary.

## **REPAIR**

Damaged areas can be repaired by local applications of Ronseal Hardwood Furniture Stain and additional full coatings should be applied as appropriate. Promote adhesion for repairs and additional coats using the method described under Preparation above.

## **IMPORTANT NOTES**

Ronseal Hardwood Furniture Stain Clear Natural Matt is formulated to provide a lightly tinted transparent finish for exterior hardwood. It may darken and mellow the colour of bare wood.

Always test on a small area first to confirm acceptability.

Ronseal Hardwood Furniture Stain will not overcome deficiencies associated with the choice or suitability of the substrate.

Certain tropical hardwoods have surface characteristics, which may prevent full absorption of coatings or prolong drying times. In general, oil bound woods may prevent adequate adhesion. Washing the surface thoroughly with white spirit, drying thoroughly and pre-testing the Hardwood Furniture Stain on a small area is recommended.

Do not use on plastic type materials.

This product contains no added lead. However, 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 inhalation of dust when sanding, wear a suitable face mask or employ wet sanding techniques.

## **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 and upright position.

The shelf life of the product in airtight containers is at least three years.

## **HEALTH AND SAFETY**

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

Ensure maximum ventilation when applying and during drying.

When applying in confined spaces, wear a face mask designed to prevent inhalation of solvent vapours.

Avoid inhalation of dust during preparation by wearing an appropriate face mask.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of water. Keep out of reach of children.

Repeated exposure may cause skin dryness or cracking.

If swallowed seek medical advice immediately and show label.

Specific health and safety data sheets are available on request.

## **FLAMMABILITY**

Flammable product.  
Flash point above ~38°C.

## **SUPPLY**

Obtainable from DIY retailers, paint suppliers and builders merchants.

## **SIZES**

Available in 1 litre re-sealable containers.

## **DISPOSAL**

Some local authorities have special facilities for disposal of waste paints/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 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.

Ronseal Ltd. has been registered to BS EN ISO 9000 1994  
(Registered Firm No. FM 1669/1).

Ronseal Ltd. operate an Environmental Management System that  
complies with the requirements of BS 7750:1994, Certificate No.  
EMS 35924

Ronseal Ltd. has achieved Investors in People certification,  
(certificate number 59586).

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