

# PRODUCT DATA SHEET

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## COLRON WOOD DYE

**Colron Wood Dye, available in a range of natural wood colours, is a solvent based dye specially formulated to both enrich the colour and highlight the natural beauty of wood.**

### INTRODUCTION

Colron Wood Dye, available in a wide range of colours, enriches the colour of wood without raising the grain. It is not a finish in its own right but is intended to be sealed with Ronseal Ultra Tough Clear varnish.

### COMPOSITION

Colron Wood Dye is a low viscosity solvent based wood dye.

### PROPERTIES

Appearance : Very Low viscosity coloured liquid.  
Odour: Characteristic solvent type.  
Solubility : Immiscible with water.  
VOC Content: Very High (>50% w/v).

### FIELDS OF APPLICATION

Colron Wood Dye can be used on both hard and soft interior timbers, it is also suitable for chipboard, hardboard and cork.

### APPLICATION PROCEDURE

#### Condition Of Substrate Before Treatment

Colron Wood Dye is only absorbed by clean, untreated, dry timber. Any previously applied finish such as varnish, lacquer or polish must be completely removed using a suitable method.

Where paint is being removed before staining with Colron Wood Dye use Peel-Off Ronstrip or mechanical methods. As Colron Wood Dye provides a transparent finish, any marks, blemishes or stains in the substrate will show after treatment.

Particular care should be taken when sanding the timber which is subsequently to be treated with Colron Wood Dye. Sanding should always be along the grain and finished with fine sandpaper. Refer to 'IMPORTANT NOTES'.

#### Application

Colron Wood Dye should be applied with a lint free cloth pad. Ensure that the correct shade is selected and apply a liberal coat at even speed along the grain of the wood where possible. Apply only one coat, do not attempt to further darken wood with successive coats of Colron Wood Dye.

Brush application is not recommended as this often leaves an excess deposit of Colron Wood Dye on the surface which when dry can inhibit the drying and curing mechanisms of subsequently applied varnishes. Any excess Colron Wood Dye may also "bleed" into subsequent coats of clear seal leaving a streaky finish.

#### New Wood

As Colron Wood Dye is only absorbed evenly by clean, untreated, dry wood all surfaces must be carefully prepared. This can be achieved by sanding to a smooth surface. Start with medium grade sandpaper and finish with a fine grade. Remove all dust with a fine brush or preferably by vacuuming. For best results wash surfaces with white spirit and allow to dry.

Colron Wood Dye should be thoroughly mixed by vigorous shaking of the tin and then poured into a suitable non-plastic container such as metal, glass or ceramic. Always test for colour on a matching off-cut.

Apply one liberal coat of Colron Wood Dye with a lint free cloth pad, working along the grain of the wood where possible. An even colouration cannot be obtained with a sparing application as this will produce an uneven finish.

After treatment leave for at least 6 hours for complete evaporation of the solvent from the wood. If possible allow 24 hours particularly if applying in adverse conditions.

The entire surface should then be rubbed vigorously with a clean, dry cloth to remove any excess dye remaining on the surface. The dyed wood should then be sealed with Ronseal Ultra Tough Clear varnish.

#### Old Wood

As Colron Wood Dye is only absorbed evenly by clean, untreated, dry wood renovation of old timber should commence with the total removal of all paints, lacquer, varnishes and polishes not only from the surface but also the grain of the wood. This is only satisfactorily achieved by thorough sanding until a new wood surface is revealed.

Paint and varnish removers are effective in the removal of finishes from the surface but the material is usually left in the grain of the wood. This prevents Colron Wood Dye from being absorbed evenly and an inferior finish will result. If paint and varnish removers are used in conjunction with sanding techniques this is considered as an acceptable method or preparation. Colron Wood Dye may then be applied as for 'New Wood'.

#### COVERAGE

Up to 36m<sup>2</sup> per litre. Coverage will vary with the absorbency and type of wood.

#### DRYING TIME

Drying occurs by solvent evaporation and is also related to the absorbency of the substrate. Under normal conditions Colron Wood Dye is touch dry within 2 hours.

#### Finishing

Colron Wood Dye is designed to colour wood and does not provide a durable finish without further treatment.

Ronseal Ultra Tough Clear Varnish is recommended for finishing treated woodwork. Allow Colron Wood Dye to dry for at least 6 hours, but preferably 24 hours, before overcoating with Ronseal Ultra Tough varnish.

#### CLEANING OF TOOLS

Cloth pads should be disposed of carefully. Any metal tools etc. can be cleaned with white spirit. Remove as much product as possible from equipment before cleaning.

#### IMPORTANT NOTES

Refer to instructions on the pack prior to use.

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.

When constructing new work or rebuilding old take care that no excess adhesive is squeezed from joints over adjoining areas as this will prevent absorption of Colron Wood Dye, resulting in lighter coloured patches.

Wear solvent resistant, protective gloves when applying Colron Wood Dye.

If a number of individual tins of Colron Wood Dye are to be used always mix the contents of all tins together to avoid the possibility of slight variations in colour.

Always test colour on a small inconspicuous but representative area or matching off-cut prior to use.

Colron Wood Dye has minimal oblitative properties and its use will always lead to darkening of wood. The final colour obtained depends on type, colour and absorbency of the original substrate. All Colron Wood Dyes are intermixable for colour matching purposes.

Do not use on plastic type materials such as linoleum, thermoplastics, asphalt, PVC, rubber etc.

Always remove excess deposits of Colron Wood Dye with a clean, dry cloth before varnishing.

Apply only one coat.

Do not store cloths used for application of Colron Wood Dye.

#### **STORAGE**

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

Ensure container is fully resealed after use.

Always store in ambient conditions away from temperature extremes.

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

#### **HEALTH AND SAFETY**

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

Harmful: may cause lung damage if swallowed.

Irritating to eyes, respiratory system and skin.

Flammable. Keep away from sources of ignition - no smoking.

If swallowed, do not induce vomiting, seek medical advice immediately and show container or label.

Use only in well ventilated areas.

Avoid contact with skin and eyes.

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

Wear suitable gloves.

After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleanser. Do not use solvent, thinners or white spirit.

Repeated exposure may cause skin dryness or cracking.

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.

Keep out of reach of children.

Specific health and safety data sheets are available on request.

#### **FLAMMABILITY**

Flammable. Flashpoint 44°C

#### **SUPPLY**

Obtainable from DIY retailers, paint suppliers and builders merchants.

#### **SIZES**

Obtainable in 125ml, 250ml, 500ml and 2.5litre resealable containers. Individual colours are not available in every size.

#### **DISPOSAL**

Some local authorities have special facilities for disposal of waste products. 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 results depend 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.

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

Ronseal Ltd. operates 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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