PRODUCT DATA SHEET

RONSEAL DIAMOND HARD FLOOR VARNISH

Ronseal Diamond Hard Floor Varnish is a one part polyurethane acrylate dispersion formulated for the treatment of most types of wooden floor as well as hardboard, chipboard and wood composition floors. Ronseal Diamond Hard Floor Varnish is suitable for domestic floors subjected to high traffic and is available in gloss, satin and matt finish.

INTRODUCTION

Ronseal Diamond Hard Floor Varnish is a technically advanced finish which provides long term protection, whilst highlighting the natural beauty of wood floors. Ronseal Diamond Hard Floor Varnish is available in gloss, satin and matt finishes for use in domestic, even those subject to high wear. It offers fast drying, excellent abrasion resistance and good resistance to chemicals.

COMPOSITION

Ronseal Diamond Hard Floor Varnish is a polyurethane acrylate dispersion, containing no added lead or free isocyanates.

PROPERTIES

Appearance – Translucent liquid. Off-white to straw coloured.
Viscosity – Low.
Odour – Characteristic sweet odour.
VOC Content – Medium (8-24.99% w/v)
Non-flammable.
Miscible with water.

FIELDS OF APPLICATION

Ronseal Diamond Hard Floor Varnish is recommended for use on most interior flooring materials, such as hardwood, strip block and mosaic flooring and softwood boarding, as well as cork, untempered hardboard, chipboard and wood compositions. It may also be used on previously varnished after suitable preparation.

Ronseal Diamond Hard Floor Varnish is not suitable for use on laminate floors.

PREPARATION

Untreated Floors

Punch in all nails and fill holes with an appropriate shade of Ronseal Multi-Purpose Woodfiller. All traces of old waxes, polishes, oils or paints must be completely removed. Sand the floor, preferably with a machine sander in the direction of the grain. Wood block floors should be sanded twice in two directions at right angles to each other. Start with a medium grade sandpaper and complete with 120 grade sandpaper, ensuring that the edges of the room are well sanded.

Avoid inhaling dust by wearing a suitable face mask. Allow dust to settle and remove by vacuuming. Wipe over with white spirit and allow to dry thoroughly.

Previously Varnished or Pre-finished floors

Ensure that the surface is clean and free from wax, polish or other contaminants. Thoroughly abrade to form a key using 120 grade sandpaper or wet and dry paper. Remove dust by vacuuming and wipe over with white spirit and allow to dry. Varnish in poor condition should be completely removed.

Test a small area first for coating adhesion and/or compatibility prior to treating the whole floor.

APPLICATION

Stir thoroughly prior to and during use. Apply in a warm well ventilated room. Using a wide brush apply evenly in the direction of the wood grain. For best results, apply to 3-4 boards at a time to avoid overlaps. Do not over-brush as this will spread the finish too thinly and effect performance. Apply a minimum of 3 coats leaving two hours between coats. Prior to application of the final coat, lightly rub down with 240 grade abrasive paper, wipe over with a damp cloth and allow to dry.

COVERAGE

16-20m^2/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

Allow 2 hours drying time per coat at 20^{0}C and 60% relative humidity. The floor will withstand walking on after 8 hours but allow at least 72 hours before subjecting to heavy traffic. Do not cover with carpets or rugs for 8 days. Protect from water for 5 days.

CLEANING OF TOOLS

All tools and equipment should be cleaned immediately after use by washing in water and detergent.

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

MAINTENANCE

The floor should be kept free of dirt and grit. Vacuum and sweep floors regularly and wipe over with a damp cloth.

REPAIR

Damaged areas can be repaired by local applications of Ronseal Diamond Hard Floor Varnish and additional full coatings should be applied as appropriate.

IMPORTANT NOTES

Ronseal Diamond Hard Floor Varnish is formulated to provide a clear, transparent finish (with minimal yellowing) to wood and will have minimal effect on the colour of the substrate. Always pre-test on a small area first to confirm acceptability.

Ronseal Diamond Hard Floor Varnish is designed to flex with the wood to prevent cracking and peeling. It will not harden softwoods or prevent surface indentations.

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

Dispose of sanding dust safely and store outside.

Do not apply if the room temperature is below 10^0C during application and drying or in conditions of high humidity.

Do not use on surfaces treated with other types of varnish unless they have aged for at least one month.

To ensure that the lid can be removed on future occasions, wipe the lid and rim of the tin to remove varnish prior to resealing/storage.

Wipe up any spillages as soon as possible.

Treated surfaces should be protected from water, steam and spillages for a minimum of 5 days. The surface will remain susceptible to marking with furniture etc., until the coating has reached its maximum hardness 8 days after treatment.

STORAGE

Store in a cool, dry, well ventilated place away from heat and sources of ignition. Carefully reseal partly used containers. Do not store near foodstuffs. Protect from frost.

To avoid 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 3 years.

HEALTH AND SAFETY

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

Specific health and safety data sheets are available on request.

FLAMMABILITY

Non-flammable.

SUPPLY

Obtainable from DIY retailers, paint suppliers and builders merchants.

SIZES

Available in 2.5 & 5 litre sizes in 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 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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Sherwin-Williams Diversified Brands Ltd
Thorncliffe Park
Chapeltown
Sheffield
S35 2YP

Tel: +44(0)114 246 7171
Fax: +44(0)114 245 5629

Registered in England 2968830

E. Mail: **enquiry@ronseal.co.uk**
Website: **www.ronseal.co.uk**

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