

TECHNICAL DATA SHEET



QUICK DRYING FLOOR VARNISH

Crown Quick Drying Varnish is a water based varnish which will protect and enhance all interior wooden floors providing a scuff resistant finish. Not suitable for laminate flooring.

AVAILABILITY

Colour Range Clear.
Packaging 2.5 litres.

PROPERTIES

Drying Time (@21°C & 60%RH) Under normal drying conditions touch dry in 1-2 hours, recoatable after 4-6 hours. Allow for adequate ventilation during the drying period.
Note: Allow 24 hours before replacing furniture and 7 days before subject to heavy traffic.

Finish Gloss or Satin.

Composition Pigment: None.
Binder: Acrylic, Polyurethane.
Solvent: Water.

Spreading Rate Up to 12m² per litre on smooth surfaces.

Wet Film Thickness 83 micrometres at 12m² per litre.

Dry Film Thickness 27 micrometres at 12m² per litre.

Volume Solids 33%.

Flash Point Not applicable.

VOC Content EU limit value for this product (cat.A/i): 140 g/l (2007) / 140 g/l (2010) This product contains max. 139 g/l VOC.

LIMITATIONS

Do not apply when air/substrate temperatures are likely to fall below 8°C, above 25°C or when the relative humidity is above 85% during application or drying period. . Failure to meet these requirements may adversely affect the drying, visual quality and durability of the finish.

SURFACE PREPARATION

General Timber surfaces must be suitably prepared, clean, sound and dry. The moisture content should not exceed 14% prior to coating. "Knotting agents" should not be used with Crown varnish systems.
Fillers specifically designed for use with timber should be used for making good any minor surface defects, imperfections and open joints etc. General or All Purpose fillers are not suitable.
Surfaces should be carefully denibbed between coats using a fine grade nylon abrasive pad or fine grade (P240 or finer) wet or dry silicone carbide abrasive paper, in the direction of the grain. Do not break through the surface coating. Remove all dust.
Only use non - ferrous screws, nails and fixings.

New Timber Resinous deposits should be removed with a scraper. Remove any remaining residues and degrease any exposed bare timber surface by wiping with a clean, lint free cloth, dampened with methylated spirits, frequently changing the face of the cloth. Allow solvent to fully evaporate before overcoating. Lightly abrade along the grain using a suitable abrasive paper taking care not to damage or scratch the timber surface. Remove all dust.

Existing Coatings Remove all defective coatings. Organic growths must be removed and infected surfaces should be treated with a suitable fungicidal solution. All existing finishes should be thoroughly abraded to provide a key for good adhesion. Remaining sound surfaces should be cleaned using a warm water and mild detergent and rinsed thoroughly with clean water. Bare timber should be patch primed with one coat of **Crown Quick Drying Floor Varnish**. Finish with 2 coats of **Crown Quick Drying Floor Varnish**.

Initial Procedure Ensure product is thoroughly stirred before and during application, otherwise sheen variations may be experienced.
Crown Quick Drying Floor Varnish is supplied ready for use. Do not thin.

APPLICATION

Crown Quick Drying Floor Varnish should be applied in full flowing coats, laying off in the direction of the grain, ensuring all surfaces and end grains are fully coated. For best results use a good quality brush specifically designed for use for the application of water borne products. Can also be applied using a short pile roller or paint pad. Following surface preparation in accordance with the manufacturers recommendations, finish with 3 full coats of **Crown Quick Drying Floor Varnish** allowing a minimum of 2 hours drying between coats. Avoid over brushing as this will cause brush marks and result in a poor quality finish. Carefully denib between coats using a fine grade nylon abrasive pad or a fine grade (P240 or finer) wet or dry silicone carbide abrasive paper in the direction of the grain. Do not break through the surface coating. Remove all dust.

All subsequent coatings should be applied as soon as possible after the previous coat has fully dried.

MAINTENANCE

Remove any defective coatings. Organic growths must be removed and infected surfaces should be treated with a suitable fungicidal solution. Remaining sound surfaces should be cleaned using a warm water and mild detergent and rinsed thoroughly with clean water. Lightly abrade with a fine grade (P240 or finer) wet or dry silicone carbide or similar abrasive paper in the direction of the grain. Remove all dust. Any bare timber should be patch primed with one coat of **Crown Quick Drying Floor Varnish**. Finish with 1 or 2 coats of **Crown Quick Drying Floor Varnish** as required.

COATING SYSTEM

Apply three coats of **Crown Quick Drying Floor Varnish** on bare or previously varnished timber.

CLEANING

Clean brushes and equipment with warm, soapy water and rinse with clean water immediately after use. If spilled, **Crown Quick Drying Floor Varnish** should be removed immediately while still wet, using clean water.

STORAGE

The container should be resealed after use and stored tightly closed to prevent evaporation of the product and entry of air. Store in cool, dry, frost-free conditions.

HEALTH AND SAFETY

Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact the Crown Customer Relations Team. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Crown Paints products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: 2006 Code of practice for painting of buildings and BS 8000 : Part 12 : 1989 Code of practice for decorative wallcoverings and painting. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints is unable to guarantee results as it has no control over the conditions under which its products are applied.

Before using this product please ensure you have the latest information.

For help or more information contact the Crown Trade Customer Relations Team on:

Tel: 0845 389 9583

Fax: 0845 389 9584

e-mail: info@crowntrade.co.uk

website: www.crowntrade.co.uk

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