

TECHNICAL DATA SHEET



ALL PURPOSE VARNISH

Crown All Purpose Varnish is a solvent borne varnish which will protect and enhance all interior wooden surfaces, providing a scuff and water resistant finish which is easy to clean. Crown All Purpose Varnish is suitable for all interior wood and trim including flooring, doors, windows, skirtings, panelling and banisters.

AVAILABILITY

Colour Range Clear.

Packaging 1 & 2.5 litres.

PROPERTIES

Drying Time (@21°C & 60%RH) Under normal drying conditions touch dry in 4-6 hours, recoatable after 16-24 hours. Allow for adequate ventilation during the drying period.

Finish Gloss & Satin.

Composition Binder: Urethane & Alkyd resins.
Solvent: Dearomatised White Spirit.

Spreading Rate Up to 13m² per litre on smooth surfaces

Wet Film Thickness 76 micrometres at 13m² per litre.

Dry Film Thickness 38 micrometres at 13m² per litre.

Volume Solids 50%.

Flash Point 60°C.

VOC Content EU limit value for this product (cat.A/e): 500 g/l (2007) / 400 g/l (2010) This product contains max. 399 g/l VOC.

LIMITATIONS

Do not apply when air/substrate temperatures are likely to fall below 8°C or when the relative humidity is above 80% 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. Resinous deposits should be removed. Degrease any exposed bare timber surface by wiping with a cloth dampened with methylated spirits. "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.

Only use non - ferrous screws, nails and fixings.

New Timber
All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Rub down with a suitable grade of abrasive paper and round sharp edges 1-3mm. Remove all dust. Timber with oils/extractives must be swabbed with clean methylated spirits, frequently changing the face of the cloths. Fill any fixing holes, open joints and shallow surface defects with a suitable proprietary wood filler to match the colour of the bare timber. Rub down with a suitable grade of abrasive paper. Remove all dust.

Previously Varnished Surfaces
All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, and failing or suspect varnish. Prior to coating, the moisture should not exceed 14%. Feather edges of sound varnish. Remove all dust. Organic growths must be removed and infected surfaces should be treated with a suitable fungicidal solution. Fill any fixing holes, open joints and shallow surface defects with a suitable proprietary wood filler to match the colour of the bare timber. Rub down with a suitable grade of abrasive paper. Remove all dust. Spot varnish bare and filled areas with **Crown All Purpose Varnish**. Wash remaining sound varnish with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward spot primed areas with one coat of the **Crown All Purpose Varnish**.

Initial Procedure	Ensure product is thoroughly stirred before and during application, otherwise sheen variations may be experienced.
APPLICATION	Crown All purpose Varnish is supplied ready for use. Do not thin. Apply by brush to an even thickness (a fine, soft filament bristle brush gives the best results). Maintain a wet edge and lay off in the direction of the grain. For best results denib surfaces between coats.
MAINTENANCE	The need for maintenance is indicated by a lightening in colour, reduction in sheen as the coating erodes, and a loss of water repellence. All defective coatings should be completely removed. 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. Bare timber should be patch primed with one coat of Crown All Purpose Varnish . Finish with 2 or 3 coats of Crown All Purpose Varnish as required.
COATING SYSTEM	Apply two or three full coats of Crown All Purpose Varnish as required.
CLEANING	Return surplus material to container. Clean brushes and equipment with a proprietary brush cleaner immediately after use. If spilled, Crown All Purpose Varnish should be removed immediately while still wet, using clean white spirit.
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 Crown and the Crown logo are trade marks of Crown Brands Limited. This information is correct at date of issue Feb 2010.



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