

TECHNICAL DATA SHEET



ALL PURPOSE WOODSTAIN

Crown All Purpose Woodstain is a durable general purpose exterior woodstain which absorbs deeply into the timber to provide exceptional protection against the weather. Crown All Purpose Woodstain is particularly effective on large areas of timber such as cladding, fascias and rough sawn timber. It may also be used as a two coat system for decking. Crown All Purpose Woodstain is an ideal base stain on new exterior joinery such as windows and doors to be subsequently coated with Crown Translucent Woodstain.

AVAILABILITY

Colour Range Ebony, Mahogany, Light Oak, Teak, Dark Walnut, Antique Pine.

Packaging 1, 2.5 & 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 Depend on the wood and number of coats, matt satin or semi gloss.

Composition Pigment: Coloured Pigments.
Binder: Alkyd resins.
Solvent: Dearomatised White Spirit.

Spreading Rate Up to 14m² per litre on smooth surfaces, on rough sawn timber the spreading rate will be reduced.

Wet Film Thickness 70 micrometres at 14m² per litre.

Dry Film Thickness 23 micrometres at 14m² per litre.

Volume Solids 30%.

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 there is risk of rain, or when air/substrate temperatures are likely to fall below 5°C, above 30°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. Any grey denatured exposed timber surfaces must be mechanically sanded back to clean, bright timber. The moisture content should not exceed 18% 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 translucent woodstain 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 Any non preservative treated softwood timber should be treated with two liberal coats of **Crown All Purpose Wood Preserver**, paying particular attention to end grains, allowing 24 hours drying time between coats and 72 hours before overcoating with **Crown All Purpose Woodstain**.

Base Stained Joinery Lightly abrade, in the direction of the grain. Do not break through the surface coating. Remove all dust.

Note: Where there is localised damage, or deterioration has occurred as a result of exposure of the factory coating for longer than 3 months, affected areas should be thoroughly sanded back to a sound substrate and recoated. If a coloured base stain is required in order to match the existing factory applied coating, use **Crown All Purpose Woodstain** in the most appropriate colour before proceeding as described above.

To ensure optimum durability and uniformity of appearance, we recommend the use of an overall coat of **Crown All Purpose Woodstain** prior to finishing with 2 full coats **Crown All Purpose Woodstain**.

Glazing	The backs of new glazing beads, end grains and rebates should be brought forward to a finish using the full system prior to fixing. Joinery to be coated with Crown Woodstain systems should be glazed using a suitable sealant. The use of linseed oil putty or modified, non-setting compounds are not recommended in conjunction with our wood protection systems. To confirm compatibility, please consult the manufacturer of the relevant glazing material. Silicone glazing materials should only be applied upon completion of the finishing coats.
Initial Procedure	Ensure product is thoroughly stirred before and during application, otherwise sheen and colour variations may be experienced. Crown All Purpose Woodstain is supplied ready for use. Do not thin.
APPLICATION	For best results use a good quality, long-haired, soft bristle brush. Crown All Purpose Woodstain should be applied in a full flowing coat, working well into joints and ensuring end grains or sawn timbers are coated to saturation. After 5-10 minutes redistribute the coating by brushing evenly in the direction of the grain. Allow a minimum of 16 hours drying time before recoating or applying the Crown All Purpose Woodstain finishing topcoats. Avoid over spreading Crown All Purpose Woodstain as this will reduce the long term durability and performance of the coating system.
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. Any grey denatured exposed timber surfaces must be mechanically sanded back to clean, bright timber. 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 or more coats of Crown All Purpose Woodstain in the appropriate colour to match existing colour. On weathered / eroded surfaces apply a further coat of Crown All Purpose Woodstain overall and allow to dry. Finish with 1 or 2 coats of Crown All Purpose or Translucent Woodstain as required.
COATING SYSTEM	Joinery – One coat of Crown All Purpose Woodstain followed by two full coats of Crown Translucent Woodstain . Cladding, fascias, soffits, fencing & decking etc. – Two coats of Crown All Purpose Woodstain .
CLEANING	Clean brushes and equipment with a proprietary brush cleaner immediately after use. If spilled, Crown All Purpose Woodstain 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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