



TimberStain

TimberStain is an oil based stain lacquer, pigmented with exterior durability light color fast transparent color pigment to add color while enhancing the appearance of the natural wood grain finishing. It is recommended for direct application over the woodworks to provide a uniform finish to the porous timbers by absorbing slowly into the wood grain.

Recommended Use : TimberStain is recommended for use on new timber substrate or to restore existing old stain finishing. It is recommended for both interior and exterior application for all timberworks, such as timber wall paneling, doors, fencing, roof wooden facias, timber deck, garden furniture etc which requires a decorative and protective translucent stain finishing.

Technical Information

Vehicle Type	: Oil Base Resin
Finish	: High Gloss
Component	: Single pack
Color	: Refer to standard Colors
Volume Solids	: 25%, varies depending on colors
Drying By	: Solvent Evaporation, Oxidation
Flash Point	: 35 deg. C
Specific Gravity	: 0.86, varies depend on colors
Dry Film Thickness (Dft)	: 30 - 40 microns / coat
Viscosity (MS.133 Part A6 : 1993)	: 50 SEC (± 5)
Shelf Life	: Minimum 1 year - unopened

Application Details

Apply Over	: Prepared Substrates / Woodwork
Primer / Sealer	: Not Required
Application Methods	: Brush / Roller / Spray
Wet Film / Coat	: Approx. 60 - 70 microns
Dry Film / Coat	: Approx. 30 - 35 microns
Drying Time	: Touch 60 mins Recoat 120 mins
Theo. Spreading Rate	: Approx. 12 m ² / litre*, may vary depending on roughness and porosity of substrates
No of coats	: 2 coats
Clean Up	: Thinner 51
Packaging	: 1.0 / 5.0 litres

* When estimating paint quantity, please make provision for spray or application losses since spreading rate may vary depending on the surface roughness and porosity of the substrate.

Surface Preparation

New Timberworks

Timber substrate must be sound and free from dirt, grease and any contaminations. Scrap off all loose woodwork and all protrusions shall be round-off. Fill nail-holes and minor imperfections with an appropriate wood putty, sand smooth with #320 sandpaper.

Previously Painted Surface

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. Treat any areas affected by mould, lichens, algae and moss with "KCC Fungicidal Solution" and make good defective areas.

Typical Painting System

<u>Substrate</u>	<u>1st coat (Sealer)</u>	<u>Finishing (2 coats)</u>
Timber / Woodworks	Not Necessary	TimberStain
Restoring / Previously Painted Surface	Not Necessary	TimberStain

Application

Stir thoroughly to a uniform consistency before use. Thinning is normally not necessary, however if required except for absorbent surfaces and better workability, thin with a small quantity of thinner maybe added.

Suitable for application by brush, roller or spray. Apply paint evenly by brush or roller, and avoid any missing areas. Spraying is recommended, and typical equipment, especially airless spray should employ a fluid tip / needle size at least 0.021".

Cleaning

Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use with solvent and rinse thoroughly. Do not empty product into drains or watercourses. Replace lid firmly.

Technical Services

KCC maintains a technical division to investigate and advise on all problems related to our product application. The division will advise on the correct selection of and specification for the required painting system. Contact the division through KCC Sales department.

Safety Precaution

- This product is flammable.
- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water.
- When spray, do not breathe in spray mist, wear suitable respiratory protective equipment.
- Keep out of reach of children.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.