



TOUCHWOOD POLYURETHANE CLEAR

Product Description

This is a premium quality single pack polyurethane clear finish, which enhances the beauty of wood. It is fast drying and offers excellent hardwearing finish. It is available in gloss, semigloss and matt sheen levels.

Areas of Application

Dressed timber furniture, doors, veneers, wall-paneling etc.
For interior use.

Technical Data

Finish Available : Gloss, Semigloss and Matt.

Gloss Level at 60° head : Gloss - Minimum 85 %
Semigloss - 20 - 50 %
Matt - 0 - 5 %

Solvent Resistance : Resistance to aliphatic hydrocarbons is good. Polar solvents and chlorinated solvents are liable to attack the film.

Toxicity : Dry film is non toxic and lead free.

Thinning & Clean Up : Enamel Thinner 600 / Mineral turps
Though the product is designed for undiluted application by brush, up to 5% thinner may be used. When spraying up to 10% thinner may be required depending on weather conditions.

Coverage : 16 sq. m. / litre per coat. Practical coverage may depend on surface Profile, method of application and losses.

Drying Time : Touch dry : 2 hours
(At 25° C & RH 60%) Recoat : 16 hours
Cooler temperature, higher film thickness or higher humidity conditions will require longer drying times.

Packs available : 10 L, 4 L, 1 L, 500 ML.

Conforms to specification : -

Method of Application

Brush, Roller or Spray. Please use the method best suited to your requirement and skill. The quality of finish may depend on type of wood and it's absorption characteristics apart from method of application.

Surface Preparation

Remove all wax, grease and other contaminants by cleaning with mineral turps. Sand the surface uniformly along the grain marks and dust off. Fill the surface imperfections like nail holes, cracks etc by suitable filler. Sand smooth the surface and dust off.

Application

Stir the contents thoroughly before and during use.

On new surfaces, apply one or two coats of Touchwood Brushable Sanding Sealer or Touchwood Polyurethane Clear (after 10% thinning) to seal the surface. For very soft and porous timbers, two sealer coats may be required. For hard timbers the sealer coat may require 5% thinning to affect better penetration. Sand the surface lightly after 24 hours to obtain smooth finish. Apply two further coats of Polyurethane clear in desired finish with minimum 16 hours recoating interval. On previously varnished surface, apply one or two coats of Touchwood clear after suitable surface preparation. Transparent stains as desirable can be used prior to application of sealer coat. Ensure thorough mixing of Semigloss and Matt finishes before application.

Flammability & Transport Information

Highly flammable, Dangerous goods clause 3.2 Flash Point 32⁰ C UN 1263 PG III. Keep away from sources of ignition.

Safety & Precautions

- Do not apply when surface temperature is below 10⁰ C
- Provide adequate ventilation during use.
- Keep out of reach of children.
- In normal condition, a week's curing is required to develop full hardness & resistance properties.

Apco coatings

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