

Tuffwood G&M

Wood Coatings

Polyurethanes

Tuffwood G&M:

Tuffwood is a **two component, non-yellowing water based polyurethane coating** engineered to provide exceptional properties to wooden substrates.

Tuffwood is a PUD based coating, cured with a hydrophilic polyisocyanate which develops into an exceptionally hard coating at ambient temperature. Tuffwood, due to its superior performance, can successfully replace the traditional 2K solvent borne urethanes. They remain water clear and do not change the colour of the wood or stain.

Formulated as premium, clear topcoat for applications such as furniture, paneling, parquet floors etc. Tuffwood offers high resistance to abrasion and protection against alcohol, water and most household chemicals and stains.

It is available in gloss and matt versions. G denotes glossy; M denotes matt.

Advantages:

- No odour, water based.
- Non-yellowing.
- Extremely durable.
- Glossy and satin versions.

Directions to use on wood:

Proper surface preparation is a pre-requisite for optimum results. The major operations involved in surface preparation are sanding, priming, grain filling and top coating.

- **Sanding:** Sand the wood surface with flint paper No. 100 and with 180 or 220 grit paper along the grains. Brush off loose dust along the grains.
- **Priming:** Prime the surface with Aquaprime, which can be diluted with water. Allow to dry for 1-2 hours. Sand the surface with 220 grit paper.
- **Grain filler (Aquafill) :** Apply Aquafill by a cloth in circular motion to fill into the grains of the wood. Remove excess filler along the grains by a putty knife. Re-apply the filler after 30 minutes and remove it along the grains by a putty knife. Allow to dry for 3-4 hours at room temperature. The hard dried surface is then sanded with flint paper No. 100 and then with No.320 along the grains. Wipe off loose dust completely.
- **Staining:** To match the filled surface with the wood, staining is done with compatible water based stainers. The surface can be stained to any desired shades like Walnut, Mahogany, Sesame, Rose Wood, Raw sienna etc. Apply wood stain with a cloth. Allow to dry for 20 minutes. Wipe the surface with a dry cloth thoroughly to remove excess staining.
- **Top coating:** Mix Tuffwood resin and hardener in the ratio of 10 : 1. Stir the mixed solution for 5 minutes with a high speed stirrer till it becomes homogeneous. Apply by roller, brush, spray or cloth. Shake well the container before applying. Allow the coating to dry for 1-2 hours. Reapply. 3 coats are needed.
- Brushes, spraying equipments etc should be washed with water immediately.

Coverage : 100-120 sq.ft. / litre / coat.