



UROXSYS LIMITED



URETHANE & EPOXY SYSTEMS, DEVELOPMENT & MANUFACTURE

APPLICATION NOTES

UROXSYS SYSTEM ECS (FLOWCOAT)

Uroxsys ECS (Flowcoat) is specially modified Uroxsys ECS epoxy system designed to be used over wooden surfaces to protect the wood and to level to a smooth surface.

The wood should be primed and sealed using the ECS Flowcoat system thinned to approximately 40% with Uroxsys Solvent S23A or methylated spirits (i.e. to 1 litre of mixed resin and hardener, add up to 1.5 litres solvent – scale to suit). Priming the wood seals the porosity to prevent bubble migration, and penetrates the wood to harden the surface. Apply the thinned primer in several coats wet on wet to fill absorbent areas. Very absorbent timbers may need a second primer coat after the first coat has been cured and sanded.

When the primer is dry, sand to remove any grain raised or runs and remove any dust generated.

Apply the final leveling coat of ECS Flowcoat with no solvent added. You need to use at least 1.5 litres per square metre to ensure good leveling (this will give a layer of approximately 1.5mm thick). Apply by notched trowel or clean brush. A brushed-in coat to thoroughly wet the surface before flooding can assist in minimising bubble entrapment. The surface can be improved, and suspended bubbles eased out, by lightly flaming the surface with a gentle LPG flame while the resin is still wet and mobile.

Refer to ECS data sheets for technical information and mix ratios.

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