

PRODUCT DESCRIPTION

Ultra-premium Italian-grade 2K Polyurethane protection offering unparalleled resistance to heat, stains, and scratching for luxury interiors.

FEATURES AND RECOMMENDED USE

- Unparalleled clarity and depth of finish
- Supreme resistance to hot beverages, stains, and scratches
- Non-yellowing aliphatic formulation
- Specified for luxury hotel interiors and bespoke furniture exports

TECHNICAL DATA

Colour Range	Clear (Gloss / Matte) & Solid Pigmented
Gloss	Available in Dead Matte to Mirror Gloss
Mix Ratio (By Volume)	Base : Hardener = 4 : 1
Specific Gravity	0.95 - 1.15 (Mixed)
Recommended DFT / Coat	25 - 40 µm
Theoretical Coverage	8.0 - 10.0 sq.mtr/ltr (depending on wood porosity)
Drying Time at 30°C	Touch Dry: 25-30 mins Hard Dry: 8 hours
Pot Life at 30°C	4 Hours

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc. The information provided above is at 30°C and 65% relative humidity.

DIRECTIONS FOR USE

Surface Preparation

- Wood surfaces must be completely dry (moisture content < 12%) and free from oil, wax, or resin.
- Sand the raw wood along the grain using grit 180 sandpaper. Wipe clean with a tack cloth.
- Apply suitable Sealer (PU or NC depending on topcoat). Allow to dry and sand smooth with grit 320/400.

Application Conditions

- Substrate temperature should be at least 3°C above dew point but not above 50°C.
- Relative humidity should be below 85% to prevent blushing or adhesion loss.
- Good ventilation is required in confined areas to ensure proper curing and solvent evaporation.

Mixing

Mix base and hardener strictly in 4:1 ratio. Consume within pot life limits.

Application Details

Air Spray	Thin 15-20% with IKKA PU Thinner. Nozzle Orifice: 1.3-1.5 mm. Air pressure: 35-45 PSI
Brush / Roller	Not recommended. Spray application only for perfect leveling.
Cleaning	Do not allow the product to remain in hoses or spray equipment. Clean all equipments immediately after use with IKKA PU Thinner.

STORAGE & REGULATORY

Pack Size: As per standard Drona packaging (1L, 4L, 10L, 20L).

Shelf Life: At least 12 months @ 30°C for original unopened pack (36 months for architectural), subject to inspection thereafter. Store in a cool, dry place away from direct sunlight and heat sources, in accordance with local regulations.

Flash Point: 24°C

VOC: 480 g/ltr (approximate depending on shades)

MATERIAL SAFETY & HANDLING

General Precautions: As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, appropriate respiratory, skin, and eye protection are always recommended when spraying.

Specific Handling: Flammable liquid and vapor. Avoid prolonged breathing of solvent vapors or spray mist. Use only outdoors or in a well-ventilated area to prevent vapor accumulation. Wear protective gloves and eye protection. Repeated skin exposure may cause dryness or cracking.

Please refer to the detailed Material Safety Data Sheet (MSDS) prior to using this product.