

POLYURETHANE CLEAR VARNISH 2:1



CHARACTERISTIC PROPERTIES:

It is a two component High Gloss & matt Varnish based on high quality resin and poly isocyanate hardener. This product is highly chemical resistance, high film build film thickness, with outstanding hardness, elasticity and anti-scratch properties. It is suitable substrate for all types of wood surfaces and plywood finishes.

MATERIALS FOR APPLICATION:

- Polyurethane Clear Varnish.
- Hardener for High Gloss Varnish.
- Polyurethane Thinner.

SUITABLE SUBSTRATES: This product can be applied directly to:

- NC. Sealer surfaces.
- Polyester surfaces.
- Polyurethane Sealer.

SURFACE PREPARATION: Following degreasing flat with the following sandpaper grades P280: to dry flat (mechanically or manually).

MIXING RATIO BY VOLUME %:

100	parts by volume of Polyurethane varnish
50	parts by volume of PU Hardener 2:1
20 to 50	parts by volume of thinner

SPRAY VISCOSITY: 18-22 second ford cup no. 4.

PROCESS: It is suitable for application over both vertical and horizontal surfaces. It is applied in 2 coats by spraying. Allow flash off time between coats 10-15 minutes.

SPRAY GUN FLUID TIP AND WORKING PRESSURE:

Spray Gun	Fluid tip	Working pressure
Gravity Feed	1.5-1.8 mm	2-5 bar

PHYSICAL PROPERTIES:

Film thickness	12-17 micron for one coat
Solid Content	48 - 50%
Viscosity	20 - 23 sec / Ford cup 6 at 25°C
Density	1.00 - 1.10 gm/cm ³

DRYING TIME: Dry to flat

Dust Free	30 min.
Touch dry	60 min.
Tack free	3 hrs.
Hard dry	6 hrs.

GLOSS: High glossy & Matt (10%, 25% & 45%).

PACKAGING: 1 Kg and 4.3 Kg. **COLOR:** Transparent.

SHELF LIFE: 2 years at 20 °C.

MATERIAL SAFETY DATA:

When using these products it is required to comply with the national regulations for health and safety.

