

## Crown Two Pack Polyurethane Varnish

### PRODUCT DESCRIPTION

**Type:** A high performance clear varnish, supplied in two-pack form based on hydroxy-acrylic resin, suitable for interior use.

**Uses:** Protection and decoration of interior wooden furniture.

**Substrates:** Interior furniture, door panels and frames, pelmets, skirting boards, counters, wall partitions and general woodwork.

**Advantages:** Hard, high gloss clear, satin and matt finish. Maintains natural beauty of the timber. Very good chemical (mild acid and alkali), water and abrasion resistance. Excellent adhesion and flexibility.

**Conditions during application;** The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 10% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

### PRODUCT DATA:

**Colour Range:** Clear, High gloss, Satin and Matt Finish.

**Pack Sizes:** ½ litre, 1 litre and 4 litres

**Finish:** High-gloss, Satin and Matt.

**Thinner & equipment cleaner:** 2-pack Polyurethane Thinner

**Dilution/ Mixing Ratio:** 3:1:1 Base: Hardener: Thinner by volume.

**Pot life:** <3 hours. Due to the limited “pot life” of the mixed material, mix the required quantity of usage only.

**Drying Times:** 2 hours, re-coatable: 14 hours. Attains maximum hardness after approximately 7 days of curing

### APPLICATION DATA:

**The product can be applied by:** Brush or spray

**Spreading Capacity per coat:** Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

11– 12 m<sup>2</sup>/l per coat when applied on a smooth sealed surface.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

# TECHNICAL DATA SHEET



If you like it... Crown it!

## DIRECTIONS FOR USE

### Surface preparation & Paint System:

Surface	Preparation	Primer	Topcoat
New and Bare woodwork	Ensure surface is dry and free of oil/ grease and any other contaminants. Sand down along the grain to a smooth surface with P180/240 /320 grit sandpaper and dust off thoroughly.	Crown 2-pack Polyurethane Varnish diluted up to 20% by volume with 2-pack Polyurethane Thinner	1 - 3 coats Crown 2-pack Polyurethane Varnish diluted 3:1:1 Base: Hardener: 2-pack Polyurethane Thinner by volume
Previously coated wood	Remove previous coat with sandpaper till bare wood	Crown 2-pack Polyurethane Varnish diluted up to 20% by volume with 2-pack Polyurethane Thinner	1 - 3 coats Crown 2-pack Polyurethane Varnish diluted 3:1:1 Base: Hardener: 2-pack Polyurethane Thinner by volume

### Precautions:

1. Stir paint thoroughly before use and intermittently during use to avoid settling especially for matt and satin finishes
2. Ensure correct mixing ratios for base and hardener
3. Avoid the use of cheap solvents as these may affect gloss or drying time

**Availability:** From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

**Storage Conditions:** Store under cool dry conditions away from direct sunlight, heat and extreme cold.

**Disclaimer:** The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control. Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference.



**For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)**