

Crown Acrylic Primer Sealer Undercoat

Product Description

Type: A water based, 3 in 1 (primer/ sealer/ undercoat) for timber and (untreated) hardboard

Recommended use: Sealing and undercoating new timber and boards prior to application of oil or water-based topcoats

Substrates: New unpainted and untreated timber and boards

Advantages: Water thinned. Rapid drying. Low VOC. Low odor. Can be overcoated with both oil and water- based finishes.

PRODUCT DATA

Pack size	1L, 4L and 20L.
Colour Range	White
Solids	60% by mass. 42% by volume
Finish	Matt
Viscosity @ 25°C	102 – 108 KU

APPLICATION

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.

Application methods: By brush, roller, airless spray or conventional spray.

Recommended film thickness per coat Wet film thickness: 70 - 100 microns (µm)

Dry film thickness: 30 - 40 microns (µm)

Film thickness will vary and is calculated as average.

Spread rate per coat: 8 – 10 m²/l per coat

Spread rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

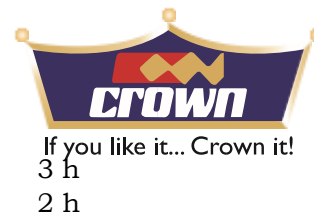
Thinner: Water

Thinning ratio: Maximum 15% by volume with water. Avoid over-thinning as this will affect the opacity. Stir well before use and intermittently during use.

Drying times (at Relative Humidity (RH) 50 %)

Substrate temperature	10 °C	25 °C	40 °C
Surface (touch) dry	2 h	1 h	½ h
Hard dry	3 h	2 h	1 h
Dry to over coat, maximum	4 h		

TECHNICAL DATA SHEET



Directions for use & Paint System

Surface	Preparation	Primer/ Undercoat	Topcoat
New, unpainted and untreated timber and boards	Ensure moisture content <3%. Remove loose particles	Crown Acrylic Primer Sealer Undercoat diluted up to 15% by volume with water	1 - 2 coats of suitable oil or water-based topcoat
Emulsion painted surface in sound condition	Sand and clean	Crown Acrylic Primer Sealer Undercoat diluted up to 15% by volume with water	1 - 2 coats of suitable oil or water-based topcoat
Oil based enamel coated surface	Not recommended		

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)