

## Crown Aluminium Wood Primer

### Product Description

**Type:** An alkyd-based primer for ultimate wood protection.

**Uses:** Foundation of an opaque alkyd-based system for interior and exterior wood

**Substrates:** New, bare, solid hard & soft wood and treated (with non-bituminous based) wood such as doors, window frames and decking floors, etc. exposed to water or high humidity. Also suitable for engineered wood with original wood structure on surfaces (e.g. plywood & particleboard etc.)

**Advantages:** Suitable for all types of properly prepared timber. Hard drying. Good penetration & adhesion. Minimizes risk of blistering. Easy to apply. Prevents water seepage. Reduces uneven wood grains. Free from heavy metals such as lead and mercury.

**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 3% (by weight).

### PRODUCT DATA:

**Colour Range:** Metallic grey

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

**Finish:** Matt

**Thinner & equipment cleaner:** White Spirit

**Dilution Ratio:** Ready for brush or roller application. Thin up to 5% by volume with White Spirit for spray application. Avoid over-thinning as this will affect the opacity. Stir well before use and intermittently during use.

**Drying Times:** Surface dry <4hrs & Hard dry <16hrs

### APPLICATION DATA:

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

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

12 – 15 m<sup>2</sup>/l when applied over a smooth 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                                                                   | Undercoat                        | Topcoat                                |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------|----------------------------------------|
| New and unpainted wood & boards               | Ensure surfaces are clean, dry, firm and free from dust, oil, grease or any other contaminants. Ensure moisture content <3%. Fill dents with wood filler and sand smooth with P240 -P320 sandpaper along the grain. | Crown Aluminium Wood Primer thinned up to 5% by volume with White Spirit | 1 coat Crown Universal Undercoat | Appropriate Oil or water-based topcoat |
| Previously painted surfaces in good condition | Clean surface with soapy water. Fill dents with wood filler and sand smooth.                                                                                                                                        | Crown Aluminium Wood Primer thinned up to 5% by volume with White Spirit | 1 coat Crown Universal Undercoat | Appropriate Oil or water-based topcoat |
| Previously painted surfaces in poor condition | Remove loose, flaking paint by scraping/ sanding to firm base. Fill dents with wood filler and sand smooth.                                                                                                         | Crown Aluminium Wood Primer thinned up to 5% by volume with White Spirit | 1 coat Crown Universal Undercoat | Appropriate Oil or water-based topcoat |

### Precautions:

1. Avoid applying heavy coatings above 50µm DFT to prevent wrinkling
2. 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)**