

## Crown Roof Paint

### PRODUCT DESCRIPTION

**Type:** An alkyd-based coating with a semi-glossy finish designed for the protection of galvanized roofs and exposed steelwork.

**Uses:** Ideal for the protection of galvanized, aluminium roofs and exposed steelwork.

**Substrates:** Suitably primed or weathered galvanised iron, steel, wood, plastic, fibreglass, etc.

**Advantages:** Excellent opacity, durability and flexibility to withstand tropical weather conditions. One coat finish normally sufficient for redecoration work.

**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). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

### PRODUCT DATA:

**Colour Range:** Green, Red Oxide, Grey and Cornflower. Also available on 18 selected colours upon request.

**Pack Sizes:** 1 litre, 4 litres and 20 litres

**Finish:** Semi-gloss

**Thinner & equipment cleaner:** White Spirit

**Dilution Ratio:** Maximum 10% by volume with White Spirit. Avoid over-thinning as this will affect the opacity. Stir well before use.

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

### APPLICATION DATA:

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

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

10 – 13 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



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## DIRECTIONS FOR USE

### Surface preparation & Paint System:

Surface	Preparation	Primer	Topcoat
New (un-weathered) Galvanized Surfaces	Degrease with White Spirit or degreaser. Apply 1 coat Mordant Solution or 1-pack Etch Primer	Crown Zinc Phosphate Primer thinned up to 10% by volume with White Spirit	1 – 3 coats Crown Roof Paint diluted up to 10% by volume with White Spirit
Weathered Galvanized Surfaces	Degrease with White Spirit or degreaser. Remove rust with Rust Remover. Rinse with clean water till water break free	Crown Zinc Phosphate Primer thinned up to 10% by volume with White Spirit	1 – 3 coats Crown Roof Paint diluted up to 10% by volume with White Spirit
Mild Steel	Degrease with White Spirit or degreaser. Remove rust with Rust Remover. Rinse with clean water till water break free	Crown Zinc Phosphate Primer thinned up to 10% by volume with White Spirit	1 – 3 coats Crown Roof Paint diluted up to 10% by volume with White Spirit
Wood & boards	Sand along the grain	Crown White/ Aluminium Wood Primer diluted up to 10% by volume with White Spirit.	1 – 3 coats Crown Roof Paint diluted up to 10% by volume with White Spirit
Plastic & Fibreglass	Apply 1 coat Mordant Solution or 1-pack Etch Primer	Crown Universal Undercoat diluted up to 10% by volume with White Spirit	1 – 3 coats Crown Roof Paint diluted up to 10% by volume with White Spirit

### Precautions:

1. To avoid shade variation, especially for projects, ensure that batch numbers match. Blend different batch numbers prior to applying
2. Not recommended where chemical and solvent resistance are required
3. Avoid applying heavy coatings above 35µm DFT to prevent wrinkling
4. 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

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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)**