

TECHNICAL DATA SHEET



Crown Roofmaster

PRODUCT DESCRIPTION

Type: Extremely durable weather resistant, self-priming acrylic resin based, water borne topcoat with a matt finish.

Uses: Decorating and protecting roofing tiles and suitably primed or weathered galvanized iron sheets

Substrates: New and previously painted (sound) roofs, walls and masonry, galvanized steel, granular tiles, cement tiles, fibre-cement sheets, through-colour roof tiles, asphalt and bituminous coated surfaces in addition to concrete, brick, asbestos, cement, Zincaleum and Aluzinc and aluminium

Advantages: Excellent adhesion and weathering properties. Self-priming. Flexible. Water based, quick-drying and easy to apply. Economical and easy to maintain. Allows the substrate to breathe and can therefore, be applied to surfaces which still contain up to 15%

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 15% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: White, Red Oxide, Beetle Green, Cornflower, Terracotta and Brick.

Pack Sizes: 1 litre, 4 litres and 20 litres

Finish: Matt

Thinner & equipment cleaner: Water

Dilution Ratio: None recommended except when used as first coater on porous surfaces or coating textured surfaces where up to 5% clean water can be added to ease brushing. Avoid over-thinning as this will affect the opacity. Stir well before use.

Drying Times: Surface dry <2hrs & Recoatable in <4hrs

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 – 12m²/l when applied on a smooth sealed surface.

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

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If you like it... Crown it!

DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	Topcoat
New, unpainted masonry	Remove loose particles. Moisture content <15%	Crown Roofmaster diluted up to 5% by volume with water	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
Previously painted masonry in sound condition	Scrape with wire brush or scrapper to remove loose particles. Use Fungicidal Wash or LMD Pro to kill algae and fungus	None	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
New, unpainted and un-weathered Galvanised Iron	Degrease with White Spirit or degreaser. Rinse with clean water till water break free	1 coat Mordant Solution or 1-pack Etch Primer undiluted	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
New, unpainted, weathered Galvanised Iron	Degrease with White Spirit or degreaser. Remove rust with rust remover. Rinse with clean water till water break free	None	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
Previously painted Galvanised Iron in sound condition	Degrease with White Spirit or degreaser. Rinse with clean water till water break free	None	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
Wood & boards	Sand along the grain	1 coat Crown Acrylic Primer Undercoat with minimal dilution	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
Mild Steel	Degrease with White Spirit or degreaser. Remove rust with rust remover. Rinse with clean water till water break free	None	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water
Plastic & Fibreglass	Apply 1 coat Mordant Solution or 1-pack Etch Primer	Apply 1 coat Mordant Solution or 1-pack Etch Primer undiluted.	1 - 2 coats Crown Roofmaster diluted up to 5% by volume with water

Precautions:

1. To avoid shade variation, especially for projects, ensure that batch numbers match or blend different batch numbers prior to applying

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

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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)