

## Crown Black Bituminous Paint

### PRODUCT DESCRIPTION

**Type:** A single pack, general purpose black bitumen-based coating that provides economical protection for steel and masonry.

**Uses:** Mainly used as an economical protection for steel and concrete in mild to slightly harsh environments.

**Substrates:** Steel, concrete, wood, asbestos etc.

**Advantages:** Excellent waterproofing and anti-corrosive performance. Resistant to weathering, oxidation and mild acids and alkali solutions. Easy application by brush, roller or spray. Suitable for surfaces in contact with fresh or salt water.

**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 usually 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:** Black

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

**Finish:** Semi-gloss

**Solids:** 53% by mass. 51% by volume

**Viscosity @ 25°C:** 98 – 102KU

**Recommended WFT:** 70 – 100 µm per coat

**Recommended DFT:** 30 – 40 µm per coat

**Thinner & equipment cleaner:** Crown White Spirit

**Dilution Ratio:** Supplied ready for use by brush and roller application. Thin up to 10% by volume with Crown White Spirit for spray application. Stir well before and intermittently during use.

**Drying Times:** Surface dry: 2 hours. Recoatable: 14 hours @ 25°C. Hard dry several days

**D.F.T.:** 20 to 40 µm

### 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

10-11 m<sup>2</sup>/l per coat on steel. 7-8 m<sup>2</sup>/l per coat on porous surfaces like plaster and wood. 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 Ferrous and Steel surfaces	Degrease with Crown White Spirit or degreaser followed by a fresh water rinse. Abrasive Blast Clean to SA 2½ of Swedish Standard SIS 055900 - 1967. Alternatively, Wire Brush to ST 3 of the same standard	None- it is self-priming	1-2 coats Crown Black Bituminous Paint diluted with Crown White Spirit as per application method
New Galvanised Iron & Aluminium	Degrease with Crown White Spirit or degreaser followed by a fresh water rinse. Test for “water break free” surface prior to priming. 1 coat of 1-pack Etch Primer or Mordant Solution	None- it is self-priming	1-2 coats Crown Black Bituminous Paint diluted with Crown White Spirit as per application method
New Plaster/ Concrete	Ensure moisture content <3% Remove loose particles	1 coat Crown Bituminous Paint diluted up to 10% with Crown White Spirit	1-2 coats Crown Black Bituminous Paint diluted with Crown White Spirit as per application method

### Precautions:

1. Stir paint thoroughly before use and intermittently during use to avoid settling
2. Avoid applying heavy coatings above 35µm DFT to prevent wrinkling
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.

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