

Crown Bituminous Composition for Drinking Water Tanks

PRODUCT DESCRIPTION

Type: A single pack, bitumen-based coating for lining water tanks

Uses: Mainly used for the internal lining of metallic and concrete portable water tanks. Bleeds and discolours when overcoated with oil-based paints.

Substrates: Iron and steelwork, cement renderings, brick, stone etc.

Advantages: Non-toxic. Non-tainting. Odorless. Low permeability to moisture/ Waterproof. Good corrosion resistance and flexibility. Fast drying

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

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 m²/l per coat on steel. 7-8 m²/l per coat on porous surfaces.

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	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 Bituminous Composition for Drinking Water Tanks 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 Bituminous Composition for Drinking Water Tanks diluted with Crown White Spirit as per application method
New Plaster/ Concrete	Ensure moisture content <3% Remove loose particles	1 coat Crown Bituminous Composition for Drinking Water Tanks diluted up to 10% with Crown White Spirit	1 - 2 coats Crown Bituminous Composition for Drinking Water Tanks 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.

TECHNICAL DATA SHEET



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