

Crown Jewel Silk

Product Description

Type: A lower cost version of Silk Vinyl Emulsion with a tough and washable silky finish especially formulated for projects.

Uses: Decoration and protection of **interior** high to medium traffic surfaces in kitchens, bathrooms, stores, washrooms, and passages. It is particularly recommended for use in hospitals, food processing areas, public & commercial buildings.

Substrates: Suitably primed or skimmed and undercoated, **interior** cement plaster, concrete, block work, boards and wood

Advantages: Tough, washable and cost-effective finish with an attractive silk appearance. Low odor. Quick drying. Free from harmful chemicals like lead, chrome, ammonia, APEO (Alkyl Phenyl Ethoxylate) and other toxic metals.

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 in the vicinity of the substrate. Good ventilation is required in confined areas to ensure proper drying.

PRODUCT DATA:

Colour Range: Available White, Black and a limited number of shades from Ambiance, RAL, BS 4800 and various colour charts.

Pack Sizes: 1 litre, 4 litres and 20 litres

Finish: Low sheen finish

Gloss Level: 25 – 35 @ 60° angle

Solids by mass: 38 - 42%

Specific Gravity: 1.18 ± 0.03 (Theoretical only for White colour)

VOC: <10g/L. Theoretical value. Actual value will vary based on test methodology, accuracy of equipment used and test conditions.

Thinner & equipment cleaner: Water

Dilution Ratio: Maximum 15% by volume with water. Avoid over-thinning as this will affect the opacity. Stir well before use.

Drying Times @25°C: Surface dry 1hr & Hard dry/ Dry to overcoat 2 - 4hrs

APPLICATION DATA:

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

Film Thickness per coat: DFT: 35 - 45 µm

TECHNICAL DATA SHEET



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

Surface	Spread Rate m ² /L
Smooth Plaster	7 - 9
Wood-floated Plaster	5 - 7
Concrete Blocks	4 - 5
Rough and textured plaster	2 - 4

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

Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	Topcoat
New Plaster	Remove loose particles. Skim using Crown Walplast Cement Putty	1 - 2 coats Interior/ Exterior Emulsion Undercoat or Crown Jewel Silk diluted up to 15% by volume with water	1 - 2 coats Crown Jewel Silk diluted up to 10% by volume with water
Emulsion painted surface in sound condition	Sand and clean. Fill dents with appropriate filler	None	1 - 2 coats Crown Jewel Silk diluted up to 10% by volume with water
Oil based enamel painted surface in sound condition	Sand down and clean. Fill dents with appropriate filler	1 - 2 coats Universal Undercoat diluted up to 10% by volume with White Spirit	1 - 2 coats Crown Jewel Silk diluted up to 10% by volume with water
Loosely bound & lime-washed, cement painted, Gypsum filler skimmed surfaces	Remove all flaking paint down to a firm base or original building. Fill dents with appropriate filler	1 - 2 coats Crown Penetrating Primer undiluted or 1 - 2 coats Interior/ Exterior Emulsion Undercoat diluted up to 15% by volume with water	1 - 2 coats Crown Jewel Silk diluted up to 10% by volume with water
Wood	Sand along the grain	Crown White/ Aluminium Wood Primer followed by Universal Undercoat diluted up to 10% by volume with White Spirit	1 - 2 coats Crown Jewel Silk diluted up to 10% by volume with water
Boards	Sand	1 coat Acrylic Primer Sealer Undercoat diluted up to 15% by volume with water	1 - 2 coats Crown Jewel Silk diluted up to 10% by volume with water

Precautions:

1. When over-coating a dark surface or if distinct colour change is required then apply 1 coat of Crown Universal Undercoat to obtain obliteration of the original colour, prior to applying 2 coats of Crown Jewel Silk Emulsion paint.
2. The application of Matt Emulsion or Covermatt as basecoat/ undercoat may result in reduced sheen and/or poor adhesion.

Availability: From Crown Depots and for projects only. Not for retail sales.

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

TECHNICAL DATA SHEET



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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.



Irritant

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