

Crown Jewel Vinyl Matt

Product Description

Type: A emulsion with a matt finish, offering high hiding and maximum protection on interior surfaces, designed for projects only.

Uses: Decoration and protection of Interior new and previously painted surfaces

Substrates: Suitably primed or skimmed and undercoated interior cement plaster, concrete, block work, boards, brick, stone, soft-board and hardboard ceilings and asbestos sheets etc.

Advantages: Smooth durable and washable matt finish. Good flow – does not leave brush marks. High hiding power. Matt finish which hides minor surface imperfections. Free from harmful chemicals like lead, chrome, ammonia, APEO (Alkyl Phenyl Ethoxylate) and other toxic metals. Allows new walls that contain moisture to breathe/dry out.

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 selected colours from Ambiance Plus, RAL, BS 4800 and various colour charts.

Pack Sizes: 4 litres and 20 litres

Finish: Matt

Solids by mass: 58 – 62%

Specific Gravity: 1.48 – 1.50 (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: Surface dry 1hr max & Hard dry after 4hrs max

APPLICATION DATA:

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

Film Thickness per coat: DFT: 35 - 45µm

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	9 - 12
Wood-floated Plaster	7 - 9
Concrete Blocks	4 - 6
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 with Crown Walplast Cement Putty	Jewel Vinyl Matt or Interior/ Exterior Emulsion Undercoat diluted up to 15% by volume with water	1 - 2 coats Jewel Vinyl Matt diluted up to 15% by volume with water
Emulsion painted surface in sound condition	Sand and clean. Fill dents with appropriate filler	None	1 - 2 coats Jewel Vinyl Matt diluted up to 15% 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 Jewel Vinyl Matt diluted up to 15% by volume with water
Loosely bound & lime-washed, cement painted, Gypsum filler coated surfaces or chalky wall	Remove chalking down to a firm base. 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 Jewel Vinyl Matt diluted up to 15% 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 Jewel Vinyl Matt diluted up to 15% by volume with water
Boards	Sand	1 – 2 coats Acrylic Primer Sealer Undercoat diluted up to 10% by volume with water	1 - 2 coats Jewel Vinyl Matt diluted up to 15% by volume with water

Precautions

1. When over-coating walls in sound condition previously painted with water-based paint of the same shade, the application of 1 coat may be sufficient.
2. When overcoating a dark colour with a light shade, the application of 3 coats may be necessary.
3. Choice of colours – for technical reasons (often dependent upon pigment origin and type), an additional coat will often be required when using certain shades (particularly bright yellows, greens, oranges, reds – refer colour card

TECHNICAL DATA SHEET



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for details). The use of these colours should be avoided on medium and low-cost projects. Where these low opacity colours are to be used on bare plaster, or for over-coating dark colours, the application of a first coat of a paler shade offering superior coverage is recommended. Consult Crown Technical Department for advice.

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 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)