

Crown Permaplast

Product Description

Type: Exterior emulsion based on light fast pigments and modified acrylic copolymer emulsion.

Uses: Ideal for use on exterior surfaces on coastal and high-rise properties where a tough, flexible, smooth finish offering maximum protection of walls and masonry against severe tropical weather and to resist attack by mold and algae,

Advantages: Tropical weather, mold and algae resistant. Smooth sheen finish which discourages the collection of dust, industrial pollution and other contamination, so surfaces coated with Crown Permaplast Exterior paint stay clean longer than matt emulsion paints, thereby requiring less frequent decoration. Good hiding power, quick drying and easy to apply. No primer required on new and previously painted (sound) surfaces. Allows new walls that contain moisture to breathe/dry out. Excellent fungicidal resistance. Good flexibility and durable.

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.

PRODUCT DATA:

Colour Range: Available in a range of over 11,000 colours from Ambiance, RAL, BS 4800 and various colour charts through dispensing system.

Pack Sizes: 1 litre, 4 litres and 20 litres

Finish: Matt

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 30min max & Hard dry after 45min max

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

11 – 13 m²/l.

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!

Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	Topcoat
New Plaster	Remove loose particles	Crown Permaplast diluted up to 15% by volume with water	Crown Permaplast diluted up to 15% by volume with water
Emulsion painted surface in sound condition	Sand and clean	None	Crown Permaplast diluted up to 15% by volume with water
Oil based enamel painted surface in sound condition	Sand down and clean	Universal Undercoat	Crown Permaplast diluted up to 15% by volume with water
Chalky wall	Remove chalking down to a firm base	Crown Penetrating Primer	Crown Permaplast diluted up to 15% by volume with water
Loosely bound & lime-washed, cement painted, distempered surfaces	Where the condition of the walls has reached an advanced stage of deterioration, the application of Crown Permaplast ZV* exterior paint (or any other good quality paint) is not recommended. This also applies when wishing to overcoat whitewash/lime wash or similar forms of cheap decoration and in those cases where the plaster or building fabric is crumbling. Unless the wall can be re-plastered, temporary redecoration with a similar low-grade material should be considered. This recommendation is especially appropriate in coastal regions		
Wood	Sand along the grain	Crown White/ Aluminium Wood Primer then Universal Undercoat	Crown Permaplast diluted up to 15% by volume with water
Boards	Sand	Acrylic Primer Sealer Undercoat	Crown Permaplast diluted up to 15% by volume with water

Precautions:

1. When over-coating walls in sound condition with the same shade, the application of 1 coat may be enough.
2. When over-coating 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 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.
4. For chemical reasons, certain dark colours offer less resistance to fading when subjected to ultra violet light, especially in tropical climates.

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

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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)