

Ultraguard Silicone Extreme

Product Description

Type: Premium quality emulsion based on the German Silicone Technology preferred by leading architects worldwide.

Uses: It is suitable for new, previously painted plaster, cement, brick, stone and many other surfaces including soft-board and hardboard ceilings and walls, asbestos sheets

Advantages: Visible water repellency effect. Fully breathable. Dirt repellent. Excellent opacity. Easy to apply-no special application or equipment needed. Rapid drying i.e. one can apply two coats the same day. Can be applied on all types of surfaces subject to normal preparation. Waterborne system, odour free. Wide colour range. Long term protection – life expectancy of 15 years. Reduced maintenance costs. Tested and qualifies the efficacy at well-known international laboratories. Suitable for almost all architectural structures like exterior masonry. Crack bridging for hairline cracks up to 1mm.

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 Plus, 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 1 hour max & Hard dry after 4 hours 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

12 – 14 m²/l. Spread rate can be reduced to as low as 2m²/L on roughcast plaster

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

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Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	Topcoat
New Plaster	Remove loose particles	Crown Ultraguard Silicone Extreme diluted up to 15% by volume with water	1 -2 coats Crown Ultraguard Silicone Extreme diluted up to 15% by volume with water
Emulsion painted surface in sound condition	Sand and clean	None	1 -2 coats Crown Ultraguard Silicone Extreme diluted up to 15% by volume with water
Oil based enamel painted surface in sound condition	Sand down and clean	Universal Undercoat	1 -2 coats Crown Ultraguard Silicone Extreme diluted up to 15% by volume with water
Chalky wall	Remove chalking down to a firm base	Crown Penetrating Primer	1 -2 coats Crown Ultraguard Silicone Extreme 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 Ultraguard Silicone Extreme (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	1 -2 coats Crown Ultraguard Silicone Extreme diluted up to 15% by volume with water
Boards	Sand	Acrylic Primer Sealer Undercoat	1 -2 coats Crown Ultraguard Silicone Extreme 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,

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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 ultraviolet 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 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.



Toxic/ Harmful

Harmful/ Irritant

Dangerous for the
Environment

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