

Crown Shieldex Silk

PRODUCT DESCRIPTION

Type: Crown Shieldex Silk is a premium quality flexible, design textured topcoat, based on special acrylic emulsion. It is designed for outstanding UV protection and high crack-bridging performances.

Recommended use: Long-term protection & decoration of interior and exterior walls of commercial and domestic buildings. It is recommended for surfaces like concrete, cement plaster, brickwork, wood, masonry work etc. Shieldex is ideal for the applications of villa, shopping complexes, prestigious buildings etc.

Substrates: New or previously painted (sound)plaster, cement rendering, block work, concrete, brick, stonework, woodwork etc. It is recommended to rectify/fill the substrate undulations, joints, pin holes etc. before starting painting work.

Advantages: Single coat finish, Long-term exterior durability, Outstanding UV protection, Excellent adhesion and alkali resistance, Attractive design texture with sheen, Flexible membrane, High crack tolerance, very good weather and water resistance, Water based, virtually odour free.

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. Before starting application, uniformly mix the product in the can and not recommended to apply with high humidity. Good ventilation is required in confined areas to ensure proper drying. The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: White and other range of attractive colours.

Sp.Gr. : 1.25 (For white and pastel shades)

SVR: 40.0

Pack Sizes: 5kg and 25kg

Finish: Silky & the design texture, depending on application technique & type of Shieldex Silk used.

Thinner & equipment cleaner: Water

Dilution Ratio: Supplied ready for use. Under no circumstances should the product be thinned. Stir well before use.

Recommended DFT: 150 - 300 microns/coat

Recommended WFT: 375 – 750 microns/coat

Drying Times: Surface dry: 1-2 hours. Hard dry: 6 -8 hours @ 25°C. Attains maximum toughness after 3-4 days.

APPLICATION DATA:

The product can be applied by: Stainless Steel trowel and then pattern with a special sponge roller. The various patterns can be created by using appropriate application tools. For different batches, it is advisable to combine and mix cans in a single large container, thus, avoiding differences in colours on the wall.

TECHNICAL DATA SHEET



APPLICATION PROCEDURE

The paint should be spread evenly using a stainless-steel trowel. Once the area has been coated the surface should be laid off and immediately textured (within 2-5 minutes of initial application) with a Light / Medium texture Shieldex roller to required design pattern/ effect. Texturing can be performed horizontally / vertically with minimal pressure.

Spreading Capacity per coat: Approximately 1.42m²/ kg per coat @225 dft.

(Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting). 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, dry, unpainted plaster, Brick, Stone, concrete	Remove loose particles. Moisture <12%	Use one coat of SB Clear.	1 coat Crown Shieldex Silk with no dilution
Previously painted surface in sound condition (Water based Paint)	Sand and dust off	Universal undercoat diluted up to 10% by volume with White Spirit	1 coat Crown Shieldex Silk with no dilution
Previously painted surface in sound condition (Oil based Paint)	Sand and dust off	Crown Universal Undercoat diluted up to 10% by volume with White Spirit	1 coat Crown Shieldex Silk with no dilution
Loosely bound or flaking surfaces	Remove all flaking paint down to a firm base or original building	1 coat of SB Clear	1 coat Crown Shieldex Silk with no dilution
Mold infected areas	Apply a liberal wash of Crown Fungicidal Solution & allow to remain on the surface for not less than 4 hours, then scrape off all mould and loose material, remove from the building and burn immediately. Apply a further wash of the solution and allow to remain on the surface for a minimum of 72 hours to complete sterilization. Do not remove/ wash off the solution.	1 coat of SB Clear	1 coat Crown Shieldex Silk with no dilution
Wood	Sand along the grain with P240 - P320 sandpaper and dust off	Crown White Wood Primer diluted up to 10% by volume with White Spirit	1 coat Crown Shieldex Silk with no dilution

Precautions

1. Stir paint thoroughly before use.
2. Apply by skilled applicator only.
3. Do not pour back the diluted material to the original material.
4. Moisture content should be < 10%.
5. Remove masking tape, before complete dry of the material.
6. Keep out of reach of children.

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

TECHNICAL DATA SHEET



Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Safety, Health and Environmental Information

- When applying paint, it is advisable to wear eye protection and suitable gloves.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes of paint from skin by using soap and water
- Keep containers tightly closed and away from food, drinks, animal feed.
- Paint must always be stored in an upright position and cool place.
- Dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations.

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

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.

