

## Silicone Clear Sealer: WB

### Product Description

**Type:** Crown Silicon Clear Sealer- water based, is a high-quality silane based clear coating for protecting both interior and exterior building brick work, concrete, cement rendering, natural or cast stone etc. having excellent capillary penetrations. This enhances a uniform coating to all capillaries and improves the breathability with excellent water repellence and salt resistance. It is an inorganic transparent matt clear coating for mineral substrate protection and does not alter the original appearance of the substrate.

**Uses:** It is a factual selection to provide excellent water resistance to interior and exterior concrete, natural stones, gypsum board etc. without any change in original colour and appearance. The dry film is hydrophobic in nature and is used also for the impregnation of construction blocks to improve toughness and salt resistance in the construction field. It provides excellent adhesion to the further coats.

**Substrates:** Stucco, concrete, masonry, brick, wood, plaster, fibre cement, clay, natural and artificial stone and various porous materials. Once dried it allows the substrate to retain natural texture and looks with water beading effects.

**Advantages:** This protects as well as enhances the decoration of the substrates, preserving the natural appearance. Excellent and rapid development of water repellence prevents re-icing salts into the capillaries of substrates, excellent penetration and adhesion to mineral substrates, no tack retaining after dry, no change in original colour and appearance, water based, low VOC. Allows trapped moisture to escape. Excellent adhesion to further coats.

**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 usually 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:** Hazy-Clear

**Pack Sizes:** 1 Lit., 5Lit. and 20Lit.

**Finish:** Matt

**Thinner & equipment cleaner:** Water

**Dilution Ratio:** Ready for use. Stir well before use.

**Application:** Apply generously, working from the top of a vertical wall going down. Flood the surface to cause a “run down” of about one foot (300mm). Immediately apply another one-foot band below this band until all the area is covered. If spray applied, use the minimum pressure to prevent atomization. Highly porous surfaces may require a second coat. Small articles like bricks and blocks may be dipped.

# TECHNICAL DATA SHEET



**Drying Times:** Surface dry: 5 – 15 minutes. Recoating: 3 - 4 hours. Full dry: 24 hrs.

**Shelf life:** 12 months in the original sealed container under proper storage conditions.

## APPLICATION DATA:

**The product can be applied by:** Brush, roller or spray. Small articles like bricks can also be dipped.

**Spreading Capacity per coat:** Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting 5 – 10 m<sup>2</sup>/l per coat. Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

## DIRECTIONS FOR USE:

### Surface preparation & Paint System:

Surface	Preparation	1 <sup>st</sup> coat	2 <sup>nd</sup> coat
New, dry, painted or unpainted & non-porous plaster, brick, stone, concrete etc	Ensure completely dry Remove loose particles, algae and fungus. Repair cracks and joints	Crown Silicone Clear Sealer WB without any dilution	Crown Silicone Clear Sealer WB without any dilution
Small articles like bricks and blocks	Ensure completely dry Remove loose particles, algae and fungus. Repair cracks and joints	Dip or impregnate in Crown Silicone Clear Sealer WB 10% dilution in water	Dip or impregnate in Crown Silicone Clear Sealer WB 10% dilution in water

## Precautions

1. Stir paint thoroughly before use.
2. Do not pour back the diluted material to the original material.
3. Moisture content should be < 10%.
4. 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.

**Storage Conditions:** Store in dry and cool place (5 °C – 40 °C). Protect from heat, freezing and direct sunlight.

## 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)**

# TECHNICAL DATA SHEET



**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.

