

CCS Formula CSH-150

DESCRIPTION

CCS Formula CSH-150 is a scientifically advanced hybrid compound using silica stacking refinement technology for use in concrete polishing processes to achieve a super hard surface which will be able to be polished with less passes. Once CCS Formula CSH-150 impregnates the pores of the concrete, it positively and rapidly reacts with the calcium hydroxide found in the capillaries and canals of the concrete.

This chemical reaction binds and strengthens the concrete to provide an extremely dense, hard and closed off surface to assist in achieving a higher level of depth, clarity and reflection of polished concrete with less grinding required. CCS Formula CSH-150 is diluted in accordance with the MPa of the concrete to be polished making it a very economical solution.

RECOMMENDED USES

All concrete polishing applications.

PACKAGING

CCS Formula CSH-150 is available in a 20 litre drum.

DILUTION RATE

For concrete less than 32 MPa dilute 1 litre of Formula CSH-150 with 250ml of potable water, i.e. 10 litres with 2.5 litres of potable water.

For concrete more than 32MPa dilute 1 litre of Formula CSH-150 with 500ml of potable water, i.e. 10 litres with 5 litres of potable water.

FEATURES AND BENEFITS

- Superior concrete hardening
- Rapid reaction time
- Low VOC
- Ready to use
- Environmentally friendly
- Water based
- Protect freshly installed product from rain for 24 hours.
- Dry storage of product is essential. Under normal storage conditions a shelf life of around 12 months from the date of manufacture can be expected.

COVERAGE RATES

1 litre of CCS Formula CSH-150 will cover approximately 5–12m² depending on concrete capillary size and condition of concrete.

PRODUCT PREPARATION

Mix product thoroughly before use.

SURFACE PREPARATION

The surface should be prepared per the CCS Luxstone Polished Concrete System application guidelines prior to applying CCS Formula CSH-150.

APPLICATION METHOD FOR NEW AND EXISTING CONCRETE

Work in sections suitable to the number of persons on the job site so the application of product is controllable. Apply a generous volume of CCS Formula CSH-150 onto the surface to be treated using a watering can with rose fitted. Immediately start working product into the surface using a microfibre applicator or broom. Do not allow CCS Formula CSH-150 to pool on the surface for more than 15 minutes.

If any pooling is evident continue to work into the surface and spread out evenly. If the capillaries of the surface are very open and the product disappears into the surface too quickly it is recommended that additional applications are undertaken to the point of the concrete rejecting the product. Additional application/s must occur whilst the previous coat is still wet. Do not apply additional coats if the previous coat is dry.

AFTER APPLICATION

Allow CCS Formula CSH-150 to chemically react with the concrete for a period of no less than 60-90 minutes. The longer the chemical reaction can occur the better as surface hardness will continue to increase in line with longer product dwell time.

CLEAN UP

Clean all application tools with water.

STORAGE

Store between 10°C and 30°C away from direct sunlight. Partly used containers must be sealed tightly when not in use. The product should keep for up to 24 months if kept in a cool, dry storage area.