

JURCEM[®] TUFFSEAL



裕昇水基地面硬化系统

Surface Hardening, Sealing and Dustproofing Compound

JURCEM TUFFSEAL is a water-based, silicate type of liquid compound for surface application to harden seal, dustproof and provides a significantly high level of stain and acid resistance to old and new concrete.

JURCEM TUFFSEAL seals, hardens and dustproofs in one operation. It serves as a permanent treatment and does not form film. It helps to reduce penetration of oil, chemicals and salts. Its dustproof characteristics provides residual-free surface that allows proper bond of varied paints, adhesives or toppings.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Volatile Organic Content	0 g/L
Coverage	Approx. 6 to 9 m ² /litres/coat *

* Depending on method of application, the texture and porosity of the substrate.

AREAS OF APPLICATION

1. Interior and exterior concrete surface
2. Warehouse and Industrial floors
3. Car park decks and garage
4. Institutional
5. Food processing and storage areas
6. Office and multi-residential buildings

APPLICATION METHOD

Surface Preparation

The substrate must be clean and sound. All grease, oil, paint, laitance and contaminants must be removed from the surfaces for maximum penetration. Remove unsound concrete, do proper repair to cracks and deteriorated areas before the application of JURCEM TUFFSEAL.

Mixing

JURCEM TUFFSEAL is ready to use and requires no pre-mixing.

Placing

Apply JURCEM TUFFSEAL to concrete surface in a continuous film. Use a hand or low pressure spray for better result, even though a soft bristle broom, mop or squeegee may also be used.

Brush out all puddles immediately. Concrete abrasion resistance increases with additional coats of JURCEM TUFFSEAL (minimum 2 coats, depending on porosity of concrete). Each coat must be thoroughly dry for about 24 hours before applying a succeeding coat.

For new concrete, apply JURCEM TUFFSEAL immediately after surface water glaze disappears.

For subsequent surface finishing, JURCEM TUFFSEAL can be coated with most surface coatings and toppings. However, it is recommended that a sample test area is carried out with the chosen finish to ensure that the required bond is achieved.

Excessive application may result in a whitish residue deposited on the surface of the concrete. This residue is not permanent and will disappear with use.

Cleaning

Clean tools with water immediately after use.

PACKAGING

20 L pail
210 L drum

SHELF LIFE

12 months if stored in original sealed packaging under dry and cool condition.

SAFETY PRECAUTIONS

JURCEM TUFFSEAL can cause skin irritation and respiratory reaction. Wear gloves, and masks while handling the product. Wash thoroughly after handling. If contacted with exposed skin wash immediately wash with soap and water. If contracted with eyes, wash copiously with water and seek medical help. If ingested, drink a cup of water and do not induce vomiting. Consult doctor immediately.

For more detailed information, please refer to Material Safety Data Sheet.

JCL Building Materials Pte Ltd (JCL) warrants that the product conforms to its chemical and physical description and is within bounds fit for use as stated on its product data sheet when used in compliance with written instructions. JCL makes no other warranty either expressed or implied. The purchaser assumes all risks in handling.

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