

# Technical Data Sheet

## ***Hicrete 2K Polyurathane Water Borne (2KPUWB)***

### ***Hicrete 2k Water Borne Polyurethane Coating For Wall & Floors***

*This product is eco friendly due to near zero VOC properties & Safe to use for both interior & exterior applications. It is recommended for high mechanical resistance (abrasion, Impact) & good chemical resistance properties on concrete flooring.*

#### ***Salient feature:***

- Fast drying & dust free time*
- Easy mixing & ease of application*
- Good chemical resistance*
- Excellent flexibility & other mechanical properties.*
- Solvent resistance*
- Easy to clean*
- Excellent weather & Resistance ( UV stability)*
- Excellent anti-fungal & staining resistance*

*Pot life of the product when mixed is approximately 4 hours at room temperature. Hence it is recommended that mix only enough quantity to be used before end of pot life. High Temperature shortens the pot life.*

#### ***Application Areas:***

- Top coat floor coatings to increase abrasion & scratch resistance.*
  - Suitable for public areas such as lobby, malls, station platforms, warehouse floorings, industrial floorings & highways.*
- Clear top coat for stone cladding & textured coatings.*

***Shades: Yellow matching RAL/2000***

***Coverage: For 1K primer 11to 12 Sq.mtr/kg/coat at 15 microns DFT***

***For 2 K top coat 9.0 Sq.mtr/Kg/Coat at 35 microns DFT***

***Number of coats recommended: 1 Coat of primer followed by 2 coats of top coat***

***Total DFT Application : 85 microns***



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### **Properties:**

- Drying- Surface dry – within 30 minutes
- Through Drying -6 to 8 hrs at room temperature. Overnight Hardness – Excellent.
- Pot Life: 4hrs at room temperature.
- Appearance: Smooth & Uniform.
- UV Resistance: > 1000Hrs. QUV.
- Anti graffiti properties: Excellent.
- MEK Rub test: Excellent.
- Alcohol Rub test: Excellent.
- Anti staining properties: Excellent.
- Weathering resistance: Excellent.
- Anti staining properties: Excellent.
- Dirt pick up resistance: Excellent.
- Alkali resistance: Excellent.

The information has been carefully compiled from the experience gained in the field conditions & detailed laboratory testing. However the product performance and it's suitability for the customers purpose depend upon the particular conditions of the use and material being coated. We recommend that customers satisfy themselves that each product meets their requirements in all respects before application. Since we can not anticipate or control the condition under which our products are used, it is not possible to guarantee their performance. All sales are subject to our standard terms and conditions of sale.

### **Limited Warranty:**

This product is warranted to be of uniform quality within manufacturing tolerances. Since no control is exercised over its use, no warranty expressed or implied, is made as to the effect of such use. Seller's and Manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

