



## PRODUCT DATA SHEET

### WB Urethane Matte Finish

#### I. PRODUCT AND MANUFACTURER IDENTIFICATION

<b>Product Name</b>	<i>WB Urethane Matte Finish</i>		
<b>Manufacturer</b>	Concrete Floor Supply		
<b>Address</b>	13024 2 <sup>nd</sup> Street Suite A Grandview, MO 64030 U.S.A.		
<b>Emergency Phone</b>	844-599-2319		
<b>Information Phone</b>	844-599-2319		
<b>Email</b>	team@concretefloorsupply.com		
<b>Website</b>	<a href="http://www.concretefloorsupply.com">www.concretefloorsupply.com</a>	<b>Date Revised</b>	May 15, 2018

#### II. DESCRIPTION

WB Urethane Matte Finish is a high solid, matte finish, two-component water based aliphatic polyurethane. This high-performance material has excellent hardness, abrasion resistance, hot tire resistance, chemical resistance, low VOC and low odor with multiple uses.

#### III. ADVANTAGES AND CONSIDERATIONS

- Excellent abrasion and wear
- Non-Yellowing and UV Resistance
- Hot Tire Resistance
- Low Odor
- Avoid applications on surfaces without effective vapor barriers
- Surfaces must be sound and without contaminates.
- Application temperatures should be 55-90°F with relative humidity below 75%

#### IV. PHYSICAL PROPERTIES

Solids by Weight	56%
VOC	100 grams per liter
Color	Clear or Pigmented
Coverage Per Gallon	200-300 square feet per gallon
Packing Information	3 Pint, 3 Gallon and 15 Gallon
Mix Ratio	2-parts A to 1-part B by Volume
Abrasion Resistance	38-40 mg loss ASTM 4060-81, CS-17, 1000-gram load
Shelf Life	1 year in unopened containers
Flexibility	Pass
Pendulum Hardness	175
Water Resistance	Excellent
Density lbs/Gal	9.06
DOT Classification	Part A: Not Regulated Part B: <b>CORROSIVE LIQUIDS N.O.S., 8, UN2735, PGIII</b>

#### VI. CURE SCHEDULE 72

Pot Life	30-45 Minutes
Set to Touch	5-6 Hours
Recoat or Topcoat	12 Hours Minimum
Light Foot Traffic	18 Hours Minimum
Heavy Traffic	7 Days

#### VII. LIMITATIONS

- All new concrete must be cured for at least 28-Days prior to application
- Coverage rates depend upon many conditions including application method, surface porosity and applicator.
- WB Urethane Matte Finish should be applied in thin coats. Do not puddle.
- Be aware that this product may be slippery when wet. Anti-Slip additives may be needed to reduce surface slip hazards.
- WB Urethane Matte Finish may darken the surface of many new and existing concrete substrates. Test prior to use.

## VIII. MIXING AND APPLICATION INSTRUCTIONS

**SURFACE PREPARATION:** For a thin film build system (2-3 mils) we suggest either mechanical scarification, acid etching (and then neutralize to 7 PH), or diamond grinding until an appropriate profile is accomplished. Prior to application of the primer a test should be made to determine that the concrete has an acceptable vapor barrier. This can be done by placing a 4' X 4' plastic sheet on the substrate and completely taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause loss of adhesion. Adhesion tests are recommended prior to using.

**PRODUCT MIXING:** Pour a full pre-packaged kit of 2 parts of Part A to 1 part of Part B together and mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and homogenous. Water Based two-part systems need to be mixed well for adequate cure and a streak free finish.

**PRODUCT APPLICATION:** Apply the mixed material by brush or roller to a primed surface with a 3/8" nap - 3/4" nap shed less roller cover at a rate of 4 - 6 wet mils within the usable pot life time frame, as well as the recommended temperature and relative humidity guidelines listed in the Technical Information section. If continuous outgassing in the concrete is causing bubbles, re-roll the material using a cross rolling method before the material cures to reduce or eliminate air entrapment. If the material becomes thick while applying and sticking to the roller, stop applying and discard the mixed material. At this point it has reached the end of the usable pot life. While applying keep a wet edge to prevent roller marks. It is recommended to work in sections usually using control joints as dividers to ensure proper application results. Do not allow to Puddle! Remove any excess material in joints or low impression areas. Puddled areas may not cure adequately and may cause blush or a white haze. If recoating after 24 - 36 hours (temperature depending) a light sanding using a fine sanding screen may be needed to ensure adequate inner coat adhesion.

**PLEASE NOTE:** *Applying WB Urethane MT outside of the suggested parameters may result in job failure. It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.*

## VIII. WARRANTY

**Concrete Floor Supply®** warrants that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine suitability of our product for your purpose. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.