

## PU FLOOR COATING WATER BASE

Product No. **PW3850**

**Ritver PU Floor Coating Water Base** is a pigmented top coat based. By virtue of the PU water base withstands well abrasion, chemical stress and immersion in water. It has outstanding mechanical properties combined with good flow and is very easy to apply. It can be an ideal top coat for floor coatings which has severe abuse.

### USE

Designed for severe industrial floors, car parking areas and heavy traffic with moderate load accompanied with good chemical and hot water resistance. It is recommended in animal rooms, poultry farms, food process units, beverages plants, and chemical industries.

**Substrates:** Designed for medium to heavy industrial floors, car parking, animal houses, poultry farms, beverage plants.

**Area of Use:** Exterior and Interior

### SPECIFICATIONS

#### Properties

<b>Finish</b>	: Smooth to slight ruff.
<b>Colour</b>	: White, grey and unlimited color even clear.
<b>Specific gravity</b>	: $1.2 \pm 0.02$ (depending on colour)
<b>Solids (% by volume)</b>	: $45 \pm 2\%$
<b>Diluent</b>	: Sweet water
<b>Flash point</b>	: Not Applicable
<b>Spread Rate</b>	: Practical coverage depends on the porosity of the evenness of the substrate and on the application method.

Coverage on concrete floors is on the average:

- Primer: 4-7 m<sup>2</sup>/l
- Top coat: 7-10m<sup>2</sup>/l

<b>Drying Time (23°C)</b>	: Dust free: 3 hours
	: Touch dry: 4 hours
	: Recoatable: 4-12 hours
	: Fully cure: 24-48 hours

### SURFACE PREPARATION

A good surface preparation and following the method statement / recommended system procedure of Ritver is an ideal recommendation for the application of **Ritver PU water base floor coating**.

**For Concrete and related surfaces:** Ensure that the surface is sound. Remove laitance by thorough wire brushing, acid etching or sweep blasting. Blowholes and other defects should be filled with suitable filler. **RITVER PU WATER FLOOR COATING** can be diluted with water up to 100% for using it as primer PU water base floor coating.

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RITVER Technical Service Department.

Date Revised: 01<sup>st</sup> Jan 2012

## PU FLOOR COATING WATER BASE

Product No. **PW3850**

### APPLICATION METHODS

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 5°C above dew point.

To be done by Airless spray 2000-2300 psi. Nozzle size: 0.015-0.018 inches or conventional spray at 50 – 60 psi. It can even be done with a roller. The product can be applied by mohair roller, rubber trowel.

*It is generally recommended to give a mist coat followed by a full coat.*

A normal brush or a roller may be used for difficult shapes or touchup; however, additional coats may be required to achieve the recommended film thickness. The method of application is recommended for stripe coating welds, edges, rivets etc.

One can add water for achieving spray viscosity of app 17 – 18 secs on Ford cup 4 ASTM at 30 ° C and for ease of application

### TYPICAL PAINT SYSTEM

Ritver PU Floor Coating (Water Base)	Ritver PU Floor Coating (Water Base)	2-3 coats
<p>Recommended system to be applied as per surface preparation.</p> <ul style="list-style-type: none"> <li>Or as per Ritver technical advice</li> </ul>		

### STORAGE & SHELF LIFE

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

#### HANDLING

**Disposal:** As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority.

**Flash Point:** Not applicable.

## PU FLOOR COATING WATER BASE

Product No. **PW3850**

### SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream.  
Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.  
MSDS is available on request for the safe handling of this product.

#### FIRST AID

**Eyes:** In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

**Skin:** Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

**Inhalation:** Remove to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.