

## EPOXY FLOOR COATING Product No. PS3601

**Ritver Epoxy Floor Coating** is a High build top coat based on a selected epoxy resin and forms a two component product with a suitable catalyst. By virtue of the epoxy resin composition it exhibits excellent resistance to mild acids, bases and other chemicals. 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. It is recoat able to considerable thickness.

### 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 with a good level of sheen.
<b>Colour</b>	: White, grey and limited colours with prior agreement. (Due to chemical nature of the Epoxy Resin small variations in colour of finished products is common).
<b>Specific gravity</b>	: Comp A: 1.47 ± 0.05 (depending on colour), Comp B: 0.97 ± 0.05 (Mix App 1.47)
<b>Mixed Solids (% by volume)</b>	: 75 ± 2
<b>Mixing Ratio</b>	: 9 : 1 (Component A: Component B vol / vol)
<b>Pot Life</b>	: App 1.5 - 2 hour (at 30°C).
<b>Diluent</b>	: Ritver Epoxy Thinner
<b>Flash point</b>	: 27°c (mixed)
<b>Spread Rate:</b>	While the spread rate is directly dependant on the surface profile and also the type of undulations it has, as a thumb rule <b>Ritver Epoxy Floor Coating</b> would cover 5 to 6 sq. meters per lit.
<b>Drying Time (30° C)</b>	: Set to touch: <3 hours. : Ready for Recoat: app 6 - 8 hours. : Full cure : app 7 days.
<b>Recommended DFT</b>	: App 125 – 175 mic per coat.

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.

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### 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 Dipping Enamel**.

#### For Metals & Steel Surfaces:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Dilute to the required consistency pour it in the application tank. Stir for uniformity. Dip for the required application requirement the **Ritver Dipping Enamel** and proceed after drying. Since it is quick drying stacking can be done in 30-40 minutes time. Touch up if necessary at the areas where there is mechanical damage. (It is not advised to coat over the primer as it may penetrate into the primer surface. Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, metal or concrete surfaces.

### 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 3°C above dew point.

**Application:** To be done by conventional roller or spray at 2000 – 2500 psi for airless spray or 50 – 60 psi for conventional spray). Nozzle size: 0.015 - 0.018 inches.

One can add 5 - 10% of **Ritver QD Thinner** for ease of application of brush/roller/or spray viscosity.

**Caution:** Over diluting would result in sag and run downs.

### TYPICAL PAINT SYSTEM

<p><b>Ritver Epoxy Floor Coating (Top coat)</b></p> <ul style="list-style-type: none"> <li>• Or as per Ritver technical advice</li> </ul>	<p>Ritver Epoxy Primer Clear Ritver Epoxy Putty <b>Ritver Epoxy floor coating (Topcoat)</b> Ritver Acrylic 2K topcoat Anti-skid (optional)</p>	<p>1 coat 2 coats 1 coat 1 coat</p>
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### 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. Do not empty into drains, sewers or other water courses.

**Flash Point:** Contains organic solvents and 23°C.

**Caution:** It is strongly advised not to keep open half used drums as it forms a skin on the top layer.

### 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. Other industrial practices are applicable. 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.