

## PVD EFFECT COATING

Product No. **PS3903**

**Ritver PVD Effect Coating PS3903** is a two component special effect coating formulated as a design alternative to PVD coated metals. The product is fully transparent so that the metallic effect of the substrate is not obliterated. The product is applied directly on the substrate and depending on the finish of the metal, weather it is brushed, polished or mirror finish effect, PS3903 will resemble the finish accordingly. It comes in Glossy, Satin and Matt finish.

### USE

**Substrates:** Stainless Steel, Aluminum, Brass, Copper.

**Area of Use:** Interiors

### SPECIFICATIONS

#### Properties

<b>Finish</b>	: Glossy, Satin, Matt
<b>Colour</b>	: Custom colours as required
<b>Specific gravity</b>	: 0.95 ± 0.05 depending on finish
<b>Solids (% by volume)</b>	: 40 ± 2%
<b>Catalyst PS3903H</b>	: 9:1 (Component A: Component B, vol/vol)
<b>Pot life (at 30°C)</b>	: Maximum 4 hours after mixing
<b>Diluent</b>	: PT6001
<b>Flash point</b>	: <21°C
<b>Spread Rate</b>	: The spreading rate depends on the effect desired.
<b>Drying Time (30° C)</b>	
<b>Dust Free</b>	: 15 minutes
<b>Touch Dry</b>	: <60 minutes
<b>Hard Dry</b>	: >24 Hours
<b>Recommended DFT</b>	: Depends on the effect desired

### SURFACE PREPARATION

Ensure that the substrate is free from any form of contamination like dust, oil grease and water.

### APPLICATION METHODS

Apply the product as uniformly and thinly as possible, building the film until the desired color is obtained. Addition of 30 to 50 percent thinner depending on the desired effect will improve levelling and flow.

Never apply the material in adverse weather conditions like when the humidity is too high as it might affect the clarity of the finish.

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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### Mixing

This material comes in a pre-determined amount of base and hardener. Mix all the content of both the containers. Mix a slow speed mechanized / Electric driven mixer for best results. Avoid accumulation of bubbles or foam during mixing.

Add the thinner after mixing the base and hardener. Wash equipment immediately with the same thinner or an appropriate tool cleaner.

### PAINT SYSTEM

RITVER PS3903 PVD EFFECT COATING

1 – 3 coats

### STORAGE & SHELF LIFE

Under dry and cool condition, Storage stability can be sound up to 6 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 is app 21°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. 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.

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