


<b>Technical Product Information</b>			
<b>PLATINVARIO</b>			
<b>Article-No.:</b> 053175... 022156... 052708...	<b>Product Name:</b> PLATINVARIO AE-82002 PLATINVARIO AE-82005 PLATINVARIO PM-85001		
<b>REVISION:</b> 1	<b>EDITION:</b> JUNE 2021	<b>IDENT-NO.:</b> 00444.E	<b>PAGE</b> 1 OF 1

**Product description:**

PLATINVARIO series is based on fine, non-leafing Platindollar aluminium pigments. This unique pigment gives mirror like effects at comparable low applied costs.

- Mirror like effects when printed reverse on film
- High brilliant effects when printed on surface
- Excellent hiding power
- Perfect non-leafing
- Very good adhesion

The effect is in between real mirror-like PVD based products, like METALURE® and silverdollar pigments.

These products have not been especially developed for the formulation of inks for the production of packaging for food, beverages and tobacco. Therefore suitability for this application has to be tested before commercial use (e.g. via migration testing or risk analysis) and cannot be guaranteed by ECKART.

**Application:**

PLATINVARIO pigment pastes series is suitable to formulate solvent based gravure, flexo and screen printing inks for reverse applications as well as for surface printing.

As with all metallic inks the substrate has an influence on the final result. Very absorbent or uneven substrates often cause poor pigment orientation resulting in inferior brilliance. In some cases, the use of primers to improve the substrate surface is advantageous.

**Product properties:**

**Rub resistance and lamination properties:**

PLATINVARIO series is based on non-leafing pigments, suitable for the formulation of rub resistant inks. In each respective case, special tests are necessary because of the multiple factors influencing the final result.

**Additional product properties:**

PLATINVARIO	Mirror-effect	Solid content	Pigment content	Solvent
AE-82002	***	appr. 22 %	appr. 20 %	Ethyl Acetate
AE-82005	***	appr. 22 %	appr. 20 %	Ethyl Acetate/ Isopropanol
PM-85001	*	appr. 50 %	appr. 50 %	Methoxy propanol

*For technical specifications please refer to the technical data sheet.*

**Handling:**

The PLATINVARIO pigment pastes are optimised for high metallic effects. The concentrates can be stirred directly into a solvent based binder system by using low shear stress aggregates.

Metallic inks tend to settle because of the high specific gravity of the pigment. This is normal and not due to a lack of quality. The inks can be easily stirred up and homogenised again. This should be done before viscosity is checked. No pigment settling should be left on the bottom of the container.

Please refer to the Safety Data sheet of PLATINVARIO for further handling guidelines.

**Storage and transportation:**

All PLATINVARIO pigment pastes should be stored at temperatures below 25°C. High temperatures as well as very low temperatures should be avoided as these conditions could damage the product.

It is recommended to keep drums tightly sealed when not in use and avoid unnecessary opening. A drying of the dispersion will result in non-dispersible agglomerates.

**Shelf life:** 12 months

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