ECKART

ECKART GmbH
Guentersthal 4
91235 Hartenstein, Germany
Tel +49 9152 77-0
Fax +49 9152 77-7008
info.eckart@altana.com
www.eckart.net

ECKART America Corporation
830 East Erie Street
Painesville, Ohio 44077, USA
Tel +1 440 954-7600
Fax +1 440 354-6224
Toll-free: 800 556 1111
info.eckart.america.oh@altana.com
www.eckart.net

爱卡(亚洲)有限公司
香港湾仔轩尼诗道302-308号集成中心701-3室
ECKART Asia Ltd.
Room 701-3, 7th floor C C Wu Building
302-308 Hennessy Road
Wan Chai, Hong Kong
Tel +852 3102 7200
Fax +852 2882 5366
info.eckart.asia@altana.com
www.eckart.net

谨致诚挚问候
With compliments

上海/Shanghai
电话/Tel.: + (86 21) 6456 8880
传真/Fax: + (86 21) 6456 5063

广州/Guangzhou
电话/Tel.: + (86 20) 8387 8860
传真/Fax: + (86 20) 8384 7584

台湾/Taiwan
电话/Tel.: + (886) 930 016 236

越南/Vietnam – Ho Chi Minh City
电话/Tel.: + (84 28) 3824 3371
传真/Fax: + (84 28) 3824 4918

爱卡特殊效果颜料(珠海)有限公司
中国广东省珠海市
高栏港经济区精细化工区
ECKART Zhuhai Co. Ltd.
Fine Chemical Area
Gaolan Port Economic Zone
Zhuhai, P.R.China
邮政编码/Postal Code : 519050

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METALURE

METALURE UV

silvershine

HYDROSHINE

STAPA® HYDROLAN S

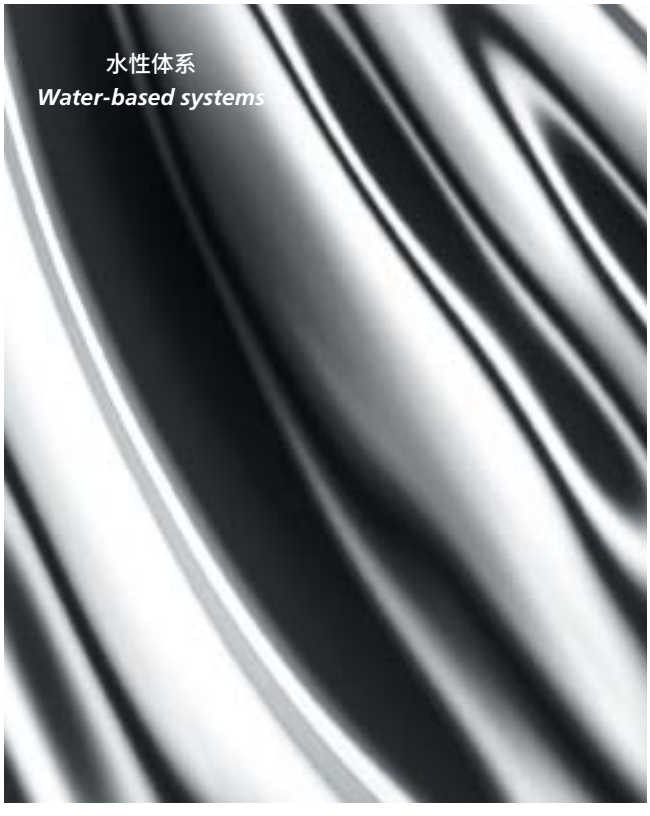
适用于涂料和印刷的镀铬和镜面效果铝颜料

Aluminium pigments for chrome and mirror effects for coatings and printing applications

A member of ALTANA

ECKART

溶剂型体系
Solvent-based systems



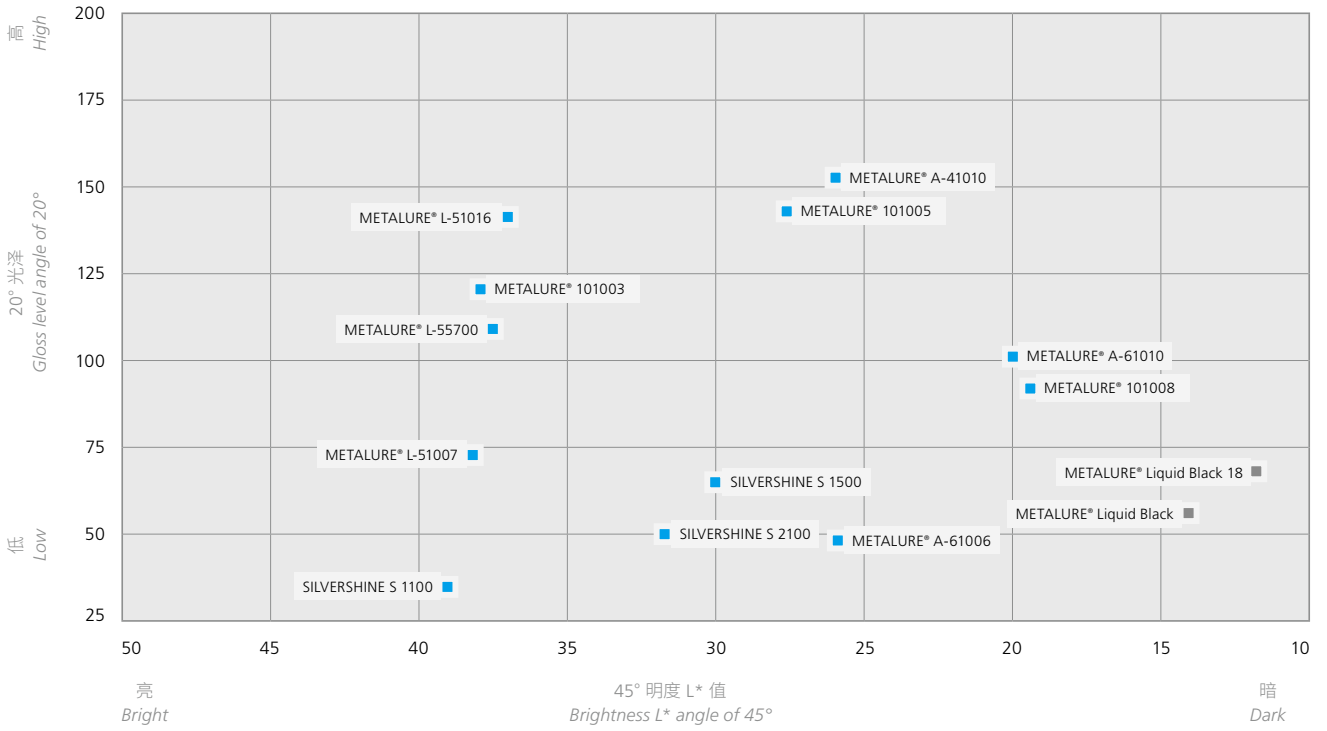
水性体系
Water-based systems

UV/LED 固化体系
UV/LED curing systems

VMP 真空镀铝颜料规格性能分布图
VMP COMPASS

溶剂型镀铬效果和镜面效果 VMP 真空镀铝颜料规格性能分布图 (光泽和明度) /
VMP compass of selected chrome and mirror effects for solvent-based systems
(desired gloss level and brightness)

VMP 真空镀铝颜料规格性能分布图
VMP Compass



镀铬效果和镜面效果 / *Chrome and mirror effects*

适用于溶剂型体系 *for solvent-based systems*

METALURE® A / L **08**

METALURE® Liquid Black **10**

METALURE® Prismatic **12**

METALURE® Mirrorshine **14**

SILVERSHINE S **15**

适用于水性体系 *for water-based systems*

HYDROSHINE WS **16**

METALURE® Liquid Black **17**

METALURE® Mirrorshine **17**

STAPA® HYDROLAN S **18**

适用于 UV/LED 固化体系 *for UV-/LED-curing systems*

METALURE® UV FPG **20**

HYDROSHINE WS **21**

METALURE® Liquid Black **21**

适用于涂料和印刷的镀铬和镜面效果铝颜料
Aluminium pigments for chrome and mirror effects for coatings and printing applications

高亮铝颜料分散体
均匀平滑的表面、优雅的镀铬外观和令人瞩目的镜面效果，都已成为涂料和印刷行业的持久发展趋势。

爱卡为水性、溶剂型和 UV/LED 固化型的涂料和油墨提供从黑相到白相的各规格铝颜料分散体，可实现具有不同强度反光性能的液态金属效果。

Highly brilliant aluminium pigment dispersions
Uniformly smooth surfaces, an elegant chrome look and impressive mirror effects have established themselves as long-lasting trends in the coatings and printing industry.

ECKART offers highly brilliant, very dark to whitish-light aluminium pigment dispersions for liquid metal effects with varying degrees of mirroring ability for water-based, solvent-based and UV-/LED-curing coating systems and printing inks.

这类效果颜料分散体以极薄的银元型和薄元型颜料或 VMP 颜料为基材。VMP 颜料采用特殊的物理气相沉积工艺 (PVD) 制成，这类颜料也常被称为真空镀铝颜料 (VMP)，可实现均匀平滑且细腻的表面以及高亮镜面效果。

These effect pigment dispersions are based on ultra-thin silver and platinum dollars or on PVD pigments. PVD pigments are produced in a special Physical Vapour Deposition (PVD) process, also known as Vacuum Metallization Process (VMP). This process lends uniformly smooth and structureless surfaces as well as their highly brilliant mirror effects.

在我们的视频中了解更多有关 VMP 的生产方法。

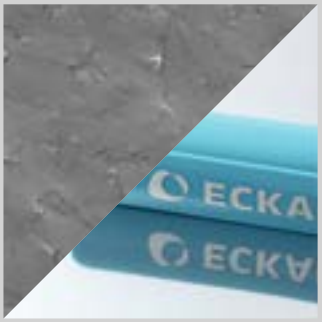
Learn more about how VMP (PVD) pigments are made – watch our video.

镀铬效果和镜面效果主要应用于高端涂料，如应用于电子消费品、塑料涂料、汽车 (车身和内饰)、轮毂以及装饰用途的涂料。使用 VMP 颜料可作为湿化学法镀铬效果工艺的替代方案。标签和高端包装等印刷品，通过镜面外观吸引消费者眼球。

Chrome and mirror effects find their applications in high-end coatings, such as consumer electronics, plastic coatings, vehicle coatings (car body and interior), wheel rims and decorative purposes. Effects based on VMP (PVD) pigments are also used as an alternative to wet chemical chromating. Thanks to the mirror optics, print products such as labels and high-quality packaging become attractive eye-catchers.

玉米片型 / *Cornflake*

银元型 / *Silver Dollar*



薄元型 / *Platinum Dollar*

真空镀铝颜料 /
Vacuum Metallized Pigments

不同类型颜料在涂料和印刷油墨中所产生的镜面效果。VMP 颜料具有最佳的反光特性。/
Comparison of the mirror effects that the different pigment qualities can achieve in the coating and printing sector. Concentrates based on VMP (PVD) pigments achieve the best reflection.

METALURE®

METALURE®

适用于溶剂型体系的镀铬效果和镜面效果
Chrome and mirror effects for solvent-based systems

在色相和溶剂上有各种选择的“标准”产品
METALURE® A 和 L 系列 VMP 分散体有各种明度规格和溶剂版本可供选择。此产品系列还包含不同的粒径分布。

"Standards" with a wide choice of color shades and solvents
The VMP dispersions of the METALURE® A and L series are available in various brightness levels and solvents. This product range also includes different particle size distributions.

	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / *Screen Printing*	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
METALURE® L-55700	10	11	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•
METALURE® L-51007 MA	10	7	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•
METALURE® L-51016 MA	10	16	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•
METALURE® A-41010 BG	10	10	乙二醇丁醚 / *Butyl glycol*	•			•
METALURE® A-61010 BG	10	10	乙二醇丁醚 / *Butyl glycol*	•			•
METALURE® A-61006 BG	10	6	乙二醇丁醚 / *Butyl glycol*	•			•
METALURE® 101003	10	13	乙酸乙酯 / *Ethyl Acetate*			•	
METALURE® 101005	10	10	乙酸乙酯 / *Ethyl Acetate*		•	•	
METALURE® 101008	10	10	乙酸乙酯 / *Ethyl Acetate*		•	•	

所用溶剂丙二醇甲醚醋酸酯不含异构体，因此无需提供生殖毒性标识（1 B 类）证明。/
The solvent used, methoxypropyl acetate, is free of isomers and thus free of the reproductive toxicity indicator (Cat 1 B) that must be reported.

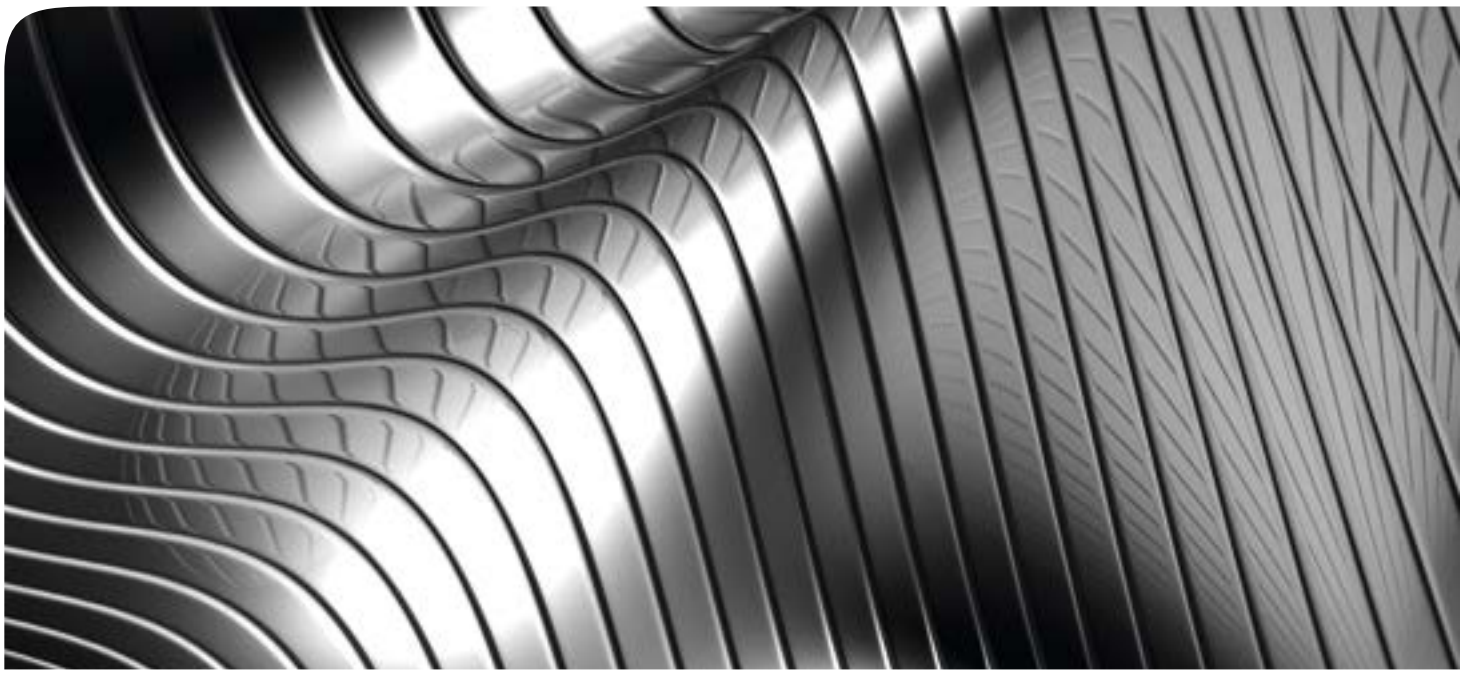
针对耐抗性方面的特殊要求，可使用 HYDROSHINE 产品（见第 19 页），其也适用于溶剂型体系。/ *For special requirements regarding resistance, HYDROSHINE products are also popular (see page 22), which are also suitable for solventborne systems.*

METALURE® 在涂料和印刷油墨中应用时具有以下优点：

- 实现类似镀铬的效果，可替代金属化工艺
- 非常优良的耐摩性
- 层间附着牢度好
- 与有机彩色颜料组合应用实现高亮彩色金属效果
- 极佳的着色力和高遮盖力
- 即使较薄的涂层或墨层也能实现最佳效果
- 不同型号的产品可相互混合，以获得更多色相效果
- 有多种溶剂版本，用途广泛且相容性宽
- 在反光涂料中具有卓越的反光度
- 可上透明面漆
- 在含溶剂的柔印、凹印和丝印油墨中应用方式非常灵活；经稳定化处理后，METALURE® 也可用于 UV 和 LED 固化的印刷油墨以及水性柔印油墨
- 适合生产传统型油墨和低迁移油墨

METALURE® dispersions offer the following advantages in the coating and printing sector:

- *Achievement of chrome-like effects as an alternative to metallisation*
- *Very good rub resistance*
- *High intercoat adhesion*
- *Highly brilliant metallic colour effects in combination with organic coloured pigments*
- *Excellent colour strength and excellent hiding power*
- *Even low film thicknesses achieve an optimum effect*
- *Individual product types can be mixed to achieve additional colour shades*
- *Availability in many solvents for universal applications and broad compatibility*
- *Excellent values for reflective paints*
- *Overcoating with clearcoats possible*
- *Flexible applications for solvent-based flexo, gravure and screen printing inks; appropriately stabilised, METALURE® dispersions can also be used for UV- and LED-curing printing inks as well as water-based flexo printing inks*
- *Suitable for the production of conventional as well as low-migration printing inks*



METALURE® Liquid Black

具有极高耐久性的高黑亮镀铬金属效果
Chrome black metallic effect with extreme durability

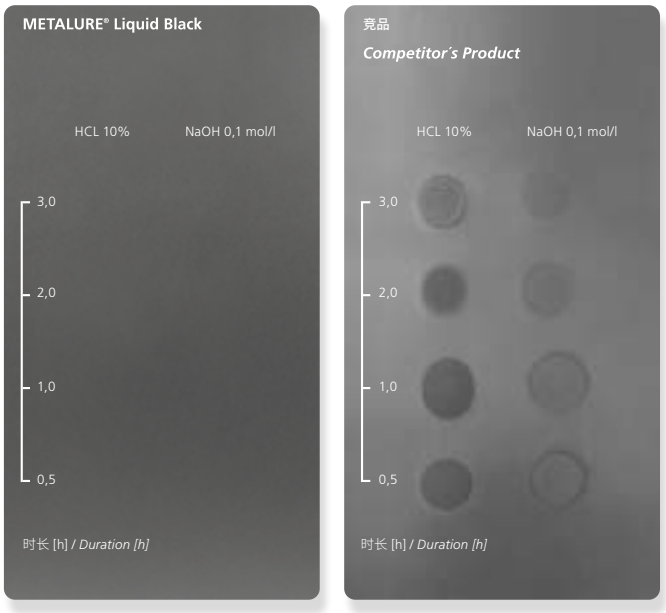
METALURE® Liquid Black 以铬 / 氧化铬为基材，采用特别复杂的金属化工艺制成，具有超暗的近乎黑夜般的镜面效果。

本产品不含六价铬化合物，因此在毒理学上安全。化学惰性确保其具有卓越的化学稳定性。METALURE® Liquid Black 可用于所有溶剂型、水性和 UV 固化型的涂料和印刷油墨体系。

METALURE® Liquid Black is based on chrome / chrome oxide. The deep dark, almost night-black mirror effect is created by a particularly complex metallization process.

The products are free of chromium VI compounds and therefore toxicologically harmless. Its chemically inert property guarantees excellent chemical stability. METALURE® Liquid Black is used in all coating and printing ink systems, solvent-based as well as water-borne and UV-curing.

耐化学性测试 / *Chemical Resistance Test*



METALURE® Liquid Black

竞品（最暗的铝基材 VMP 颜料）
Competitor´s product (darkest VMP product based on aluminium)

技术数据 / *Technical Data*

产品名称 / *Product name*	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 / *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / Screen Printing	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
METALURE® Liquid Black 018	10	18	丙二醇甲醚 / *Methoxy propanol*	•			•
METALURE® Liquid Black	10	14	丙二醇甲醚 / *Methoxy propanol*	•			•

扫描二维码观看 METALURE® Liquid Black 视频短片。/
This QR code shows a video about METALURE® Liquid Black.

METALURE Prismatic

METALURE® Prismatic

彩虹金属效果
Metallic effect with a rainbow shade

爱卡的 METALURE® Prismatic 极薄铝颜料系列，可以以高亮金属效果的方式重现整个彩虹色谱。

根据视角和光线入射角的不同，该系列的这种全息结构会呈现出高贵且类似镀铬的金属效果，并伴有五彩缤纷的彩虹色彩。

With METALURE® Prismatic, ECKART reproduces the entire color spectrum of the rainbow in a highly brilliant metallic dispersion of very thin aluminum pigments.

Depending on the viewing angle and the incidence of light, the holographic structure shows a noble, chrome-like metallic effect with simultaneously iridescent rainbow colors.

技术数据 / *Technical Data*

	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / *Screen Printing*	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
METALURE® Prismatic H-50550 AE	5	50	乙酸乙酯 / *Ethyl acetate*		•		•
METALURE® Prismatic H-50720 AE	7	20	乙酸乙酯 / *Ethyl acetate*		•		•
METALURE® Prismatic P-51510 EN	15	10	乙醇 / *Ethanol*		•	•	•
METALURE® Prismatic 155008 MA	15	50	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•
METALURE® Prismatic 102004 MA	10	20	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•

METALURE® Mirrorshine

具有最高反射性能的镜面效果
Mirror effect for highest reflectivity

以 VMP 铝颜料为基材的浮型 METALURE® Mirrorshine 1006，具有独一无二的最高反射性能，适用于例如反光罩涂料。另外，它也适用于水性和传统型体系。

The unique, VMP-based leafing aluminum pigment METALURE® Mirrorshine 1006 is suitable for applications requiring highest reflective properties, e.g. for coating reflectors. It can be used in aqueous and conventional systems alike.

技术数据 / *Technical Data*

产品名称 / *Product name*	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 / *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / Screen Printing	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
METALURE® Mirrorshine 1006	10	6	丙二醇甲醚 *Methoxy propanol*	•			•

silvershine®

SILVERSHINE S

高性价比的细腻高亮金属效果
Structureless effect with high cost efficiency

SILVERSHINE S 系列以超薄的研磨银元型颜料为基材，外观特性非常接近 VMP 产品，因此可作为一种高性价比的替代方案。

凭借细腻均匀的质地和狭窄的粒径分布，实现明亮的金属外观。通过卓越的随角异色性、高亮金属感和反光性能，该系列呈现出从光亮金属感到哑光镀铬的装饰效果。

SILVERSHINE S 外观细腻雅致，而且遮盖力优秀。

The SILVERSHINE S series is based on extremely thin, milled silver dollar pigments. In terms of optical properties, they are very close to VMP products, which is why they are offered as a cost-effective alternative.

The bright metallic look is achieved by the fine, homogeneous texture and a narrow particle size distribution. Due to the pronounced flop, high brilliance and light reflection, decorative effects ranging from shiny metallic to matt chrome are possible.

The structureless and elegant appearance is complemented by excellent hiding power.

技术数据 / *Technical Data*

	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / *Screen Printing*	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
SILVERSHINE S 1100	30	11	矿物油 / 石脑油 *Mineral spirit / Solvent naphtha*				•
SILVERSHINE S 1500	25	16	丙二醇甲醚/Methoxy propanol	•			•

HYDROSHINE METALURE® Liquid Black METALURE® Mirrorshine

HYDROSHINE WS

适用于水性体系的金属效果
Metallic effects for water-based systems

HYDROSHINE WS 系列以经过稳定化处理的 VMP 铝颜料为基材，其特点是在水性体系中具有高亮效果。

爱卡提供不同的包覆技术 – 助剂稳定化处理和二氧化硅包覆 – 来满足客户对发气稳定性、抗结露和光学特性的特殊要求。

HYDROSHINE 产品由于具有更高的耐化学性和耐候性，因此也可用于溶剂型的单涂和多涂应用，以及 UV/LED 固化体系的应用。

极高黑亮并高稳定的 METALURE® Liquid Black 系列（详细说明见第 10 页）为镀铬效果带来更完备的色系，而且也同样适合水性体系。

METALURE® Mirrorshine 具有另一个特点：这种浮型 VMP 颜料即使应用在水性涂料体系中仍能提供最佳的反光特性（详情见第 14 页）。

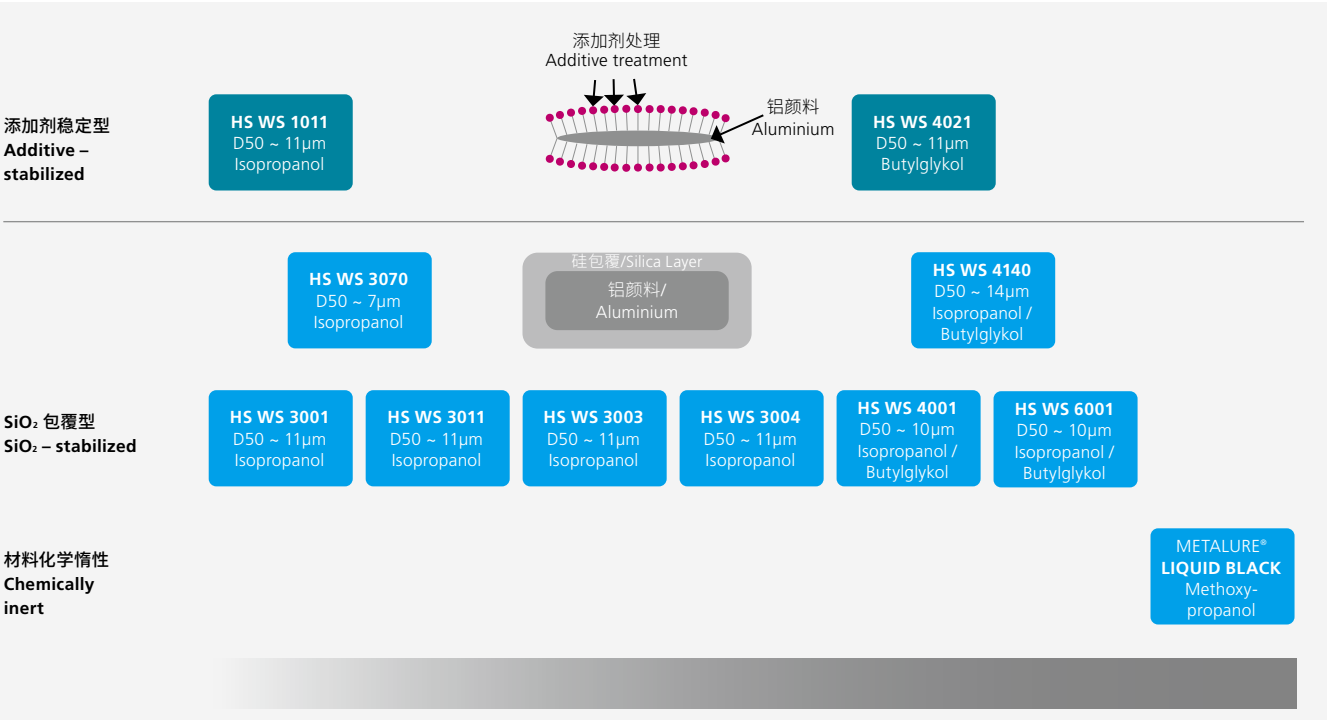
The HYDROSHINE WS series is based on stabilised VMP aluminium pigments and is characterised by highly brilliant effects in water-based systems.

ECKART offers different encapsulation technologies – additive stabilised and silicate coated – to cover specific customer requirements in terms of gassing stability, condensation resistance and optical appearance.

HYDROSHINE products are also used in single- and multi-layer solvent-based as well as UV / LED curing systems due to their increased chemical resistance and weatherability.

The exceptionally dark and highly stable METALURE® Liquid Black series (for a detailed description see page 10) completes the colour spectrum of possible chrome effects. METALURE® Liquid Black is also suitable for waterborne systems.

METALURE® Mirrorshine offers another special feature: This leafing VMP also ensures maximum reflection in waterborne paint systems (for details see page 14).



技术数据 / *Technical Data*

产品名称 / *Product name*	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / *Screen Printing*	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*	
HYDROSHINE WS 3070	20	7	异丙醇 / *Iso propanol*		•	•	•	细腻，明亮，出色的耐化学性 / *structureless, bright, high chemical resistance*
HYDROSHINE WS 3001	10	11	异丙醇 / *Iso propanol*		•	•	•	非常高的耐化学性和发气稳定性 / *very high chemical resistance and gassing stability*
HYDROSHINE WS 3003	10	11	异丙醇 / *Iso propanol*		•	•	•	出色的光学效果，卓越的层间附着力 / *excellent optical effects, outstanding intercoat adhesion*
HYDROSHINE WS 3004	10	11	异丙醇 / *Iso propanol*		•	•	•	超高的耐化学性和发气稳定性 / *extremely high chemical resistance and gassing stability*
HYDROSHINE WS 4001	10	10	异丙醇 / 乙二醇丁醚 *Iso propanol / Butyl glycol*	•			•	黑亮型号，具有非常高的耐化学性 / *dark type with very high chemical resistance*
HYDROSHINE WS 4140	10	14	异丙醇 / 乙二醇丁醚 *Iso propanol / Butyl glycol*	•	•	•	•	黑亮高金属感型号，具有非常高的耐化学性 / *dark, highly brilliant type with very high chemical resistance*
HYDROSHINE WS 6001	10	10	异丙醇 / 乙二醇丁醚 *Iso propanol / Butyl glycol*	•	•	•	•	黑亮型号，具有高耐化学性 / *very dark type with high chemical resistance*
METALURE® Liquid Black	10	14	丙二醇甲醚 / Methoxy propanol	•			•	极黑亮，具有最高的耐化学性，见第 12 页 / *extremely dark type with highest chemical resistance, see page 12*
METALURE® Liquid Black 018	10	18	丙二醇甲醚 / Methoxy propanol	•			•	极黑亮，具有最高的耐化学性，见第 12 页 / *extremely dark type with highest chemical resistance, see page 12*
METALURE® Mirrorshine 1006	10	6	丙二醇甲醚 / Methoxy propanol	•			•	添加剂稳定型，浮型，见第 19 页 / *additive stabilised leafing type, see page 19*

STAPA® HYDROLAN S

STAPA® HYDROLAN S

水性体系中最高耐性
Highest resistance in aqueous systems

STAPA® HYDROLAN S 系列将 SILVERSHINE S 的非凡随角异色性、极高金属感和出色的反光性能与不含重金属、透明且均匀的二氧化硅包覆技术相结合，特别适合于水性涂料。

STAPA® HYDROLAN S 具有极佳的发气稳定性和耐剪切性能。

The STAPA® HYDROLAN S range combines the distinctive flop, extremely high brilliance and light reflection of SILVERSHINE S with the heavy metal-free, transparent and homogeneous silicate encapsulation especially for waterborne coatings.

STAPA® HYDROLAN S is characterised by excellent gassing stability and withstands high shear forces.

技术数据 / *Technical Data*

产品名称 / *Product name*	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 / *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / Screen Printing	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
STAPA® HYDROLAN S 1100	50	11	异丙醇 / *Iso propanol*	•			•
STAPA® HYDROLAN S 1500	20	15	异丙醇 / *Iso propanol*	•			•
STAPA® HYDROLAN S 2100	60	24	异丙醇 / *Iso propanol*	•			•

适用于水性体系的镀铬效果和镜面效果
Chrome and mirror effects for water-based systems

METALURE® UV FPG

UV 和 LED 固化体系的专家
The specialist for UV and LED curing systems

METALURE® UV FPG 颜料分散体在 UV 和 LED 固化体系中具有超稳定的特性，能够为高金属感、低迁移柔印油墨和涂布单元油墨的配制带来更大的灵活性。

FPG 是食品包装级的缩写，因此该产品适合于非食品直接接触包装。在涂料应用中，METALURE® UV FPG 可确保获得最富吸引力的光泽。

METALURE® UV FPG dispersions are specially stabilised for UV and LED curing systems. They offer extensive flexibility in the formulation of high-brilliance, low-migration flexo and coating unit inks.

The abbreviation FPG stands for Food Packaging Grade – suitable for indirect food contact. METALURE® UV FPG dispersions provide highly attractive gloss in coating applications.

技术数据 / *Technical Data*

产品名称 / *Product name*	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 / *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / Screen Printing	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
METALURE® UV FPG 41501	15	10	丙烯酸脂 / *Acryl*	•	•	•	•
METALURE® UV FPG 51501	15	7	丙烯酸脂 / *Acryl*	•	•	•	•

HYDROSHINE WS

适用于 UV 固化体系和水性体系的金属效果
Metallic effects for UV and water-based systems

HYDROSHINE WS 系列主要为水性体系而开发。由于其为稳定型 VMP 产品，因此适合在 UV/LED 固化体系的涂料和印刷油墨中使用。可供选择的产品及其技术特性请参见第 16 页。

Primarily developed for water-based systems, the HYDROSHINE WS series can be used equally well in UV-/LED-curing coating and printing applications due to the stabilized VMPs. The available portfolio and technical properties are described on page 16.

METALURE® Liquid Black

具有极高耐久性的高黑亮镀铬金属效果
Chrome black metallic effect with extreme durability

METALURE® Liquid Black 呈化学惰性，完美适用于 UV/LED 固化、溶剂型和水性体系。详细说明请参见第 10 页。

METALURE® Liquid Black is used in UV / LED curing, solvent-based and waterborne systems due to its chemical inertness. The detailed description can be found on page 10.

本手册所有产品一览
Overview of all products in this brochure

产品名称/*Product name*	颜料含量 / *Pigment Content* %	粒径分布 / *Particle Size Distribution* D50 约 *approx.* [µm]	主要溶剂 / *Main Solvent*	丝印 / *Screen Printing*	凹印 / *Gravure Printing*	柔印 / *Flexo Printing*	涂料 / *Coatings*
SILVERSHINE S 1100	30	11	矿物油/石脑油 / *Mineral spirit/Solvent naphtha*				•
SILVERSHINE S 1500	25	16	丙二醇甲醚/*Methoxy propanol*	•			•
STAPA® HYDROLAN S 1100	50	11	异丙醇/*Iso propanol*				•
STAPA® HYDROLAN S 1500	20	15	异丙醇/*Iso propanol*				•
STAPA® HYDROLAN S 2100	60	24	异丙醇/*Iso propanol*				•
METALURE® Mirrorshine 1006	10	6	丙二醇甲醚/*Methoxy propanol*	•			•
METALURE® L-55700	10	11	丙二醇甲醚醋酸酯/*Methoxy propyl acetate*	•			•
METALURE® L-51007 MA	10	7	丙二醇甲醚醋酸酯/*Methoxy propyl acetate*	•			•
METALURE® L-51016 MA	10	16	丙二醇甲醚醋酸酯/*Methoxy propyl acetate*	•			•
HYDROSHINE WS 3070	20	7	异丙醇/*Iso propanol*				•
HYDROSHINE WS 3001	10	11	异丙醇/*Iso propanol*				•
HYDROSHINE WS 3003	10	11	异丙醇/*Iso propanol*				•
HYDROSHINE WS 3004	10	11	异丙醇/*Iso propanol*				•
METALURE® A-41010 BG	10	10	乙二醇丁醚/*Butyl glycol*	•			•
HYDROSHINE WS 4001	10	10	异丙醇/乙二醇丁醚 / *Iso propanol/Butyl glycol*				•
HYDROSHINE WS 4140	10	14	异丙醇/乙二醇丁醚 / *Iso propanol/Butyl glycol*				•
METALURE® UV FPG 41501**	15	10	丙烯酸脂/*Acryl*	•	•	•	•
METALURE® UV FPG 51501**	15	7	丙烯酸脂/*Acryl*	•	•	•	•
METALURE® A-61010 BG	10	10	乙二醇丁醚/*Butyl glycol*	•			•
METALURE® A-61006 BG	10	6	乙二醇丁醚/*Butyl glycol*	•			•
METALURE® 101003	10	10	乙酸乙酯 / *Ethyl Acetate*			•	
METALURE® 101005	10	10	乙酸乙酯 / *Ethyl Acetate*		•	•	
METALURE® 101008	10	13	乙酸乙酯 / *Ethyl Acetate*		•	•	
HYDROSHINE WS 6001	10	10	异丙醇/乙二醇丁醚 / *Iso propanol/Butyl glycol*				•
METALURE® Liquid Black 018	10	18	丙二醇甲醚/*Methoxy propanol*	•			•
METALURE® Liquid Black BLACK	10	14	丙二醇甲醚/*Methoxy propanol*	•			•
METALURE® Prismatic H-50550 AE	5	50	乙酸乙酯/*Ethyl acetate*		•		•
METALURE® Prismatic H-50720 AE	7	20	乙酸乙酯/*Ethyl acetate*		•		•
METALURE® Prismatic P-51510 EN	15	10	乙醇/*Ethanol*		•	•	•
METALURE® Prismatic 155008 MA	15	50	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•
METALURE® Prismatic 102004 MA	10	20	丙二醇甲醚醋酸酯 / *Methoxy propyl acetate*	•			•

* 适用于低迁移油墨配方
** Suitable for low-migration formulations.*
** 满足爱卡的 FPG (食品包装级) 标准，适用于非食品直接接触包装的印刷油墨
*** Fulfils the ECKART FPG (Food Packaging Grade) standard; suitable for printing applications with indirect food contact.*