



—silvershine®

SILVERSHINE 400 and AE 800 –
Leading in Brilliance, Metallic Character and
Hiding Power
兼具卓越光亮度、金属质感和遮盖力



SILVERSHINE 400 – The Latest Silverdollar Technology / 最新的银元型颜料科技

SILVERSHINE 400 combines the latest developments in silverdollar production technology: Newly invented grinding processes, a very narrow particle size distribution as well as a most careful selection of premium aluminum granules result in the most advantageous combination of brilliance and hiding power currently available on the market worldwide.

The fine and medium-fine silverdollar pigments of SILVERSHINE 400 show nearly no scattering properties. Their metallic character also remains when tinted with organic pigments.

Product Properties

- highly brilliant silver colors
- impressive flop behavior
- smooth and glossy metallic effects to a precious sparkle
- strong hiding power

Applications

- high-end coatings such as automotive, automotive trim, wheel rim
- consumer electronics
- household appliances
- printing ink systems (print on folding boxes, labels etc.)

The corresponding water-based STAPA® IL HYDROLAN® S versions (STAPA® IL HYDROLAN® S 408, 412, 415, 418 and 422) provide excellent chemical and gassing stability for aqueous systems.

SILVERSHINE 400 基于最前沿的银元型颜料科技，采用新开创的研磨工艺，具有非常狭窄的粒径分布，只包含精选出的最优良的铝颜料颗粒。这是一系列目前全球市场上融合了优秀金属感和高遮盖力的最佳产品。

SILVERSHINE 400 系列里中等细粒径的颜料对光线的反射几乎没有分散。当和有机颜料组合使用时，仍能够保持其金属质感。

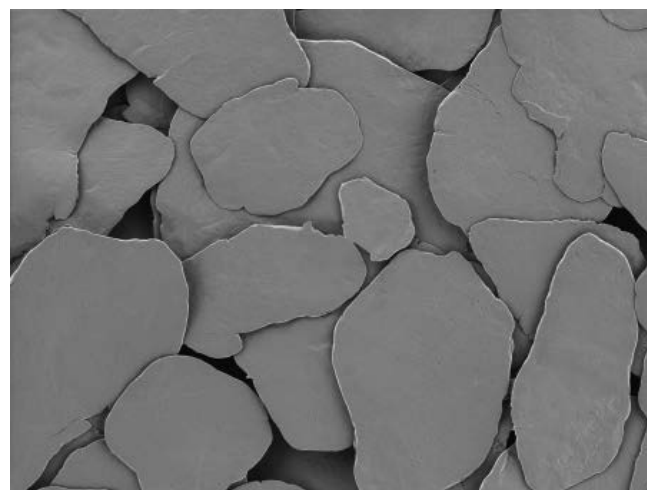
产品特性

- 高亮银色
- 极佳的随角异色性
- 提供从平滑光亮到豪华闪烁的各种金属效果
- 高遮盖力

应用

- 高端涂料，应用于如汽车、汽车内饰和轮毂等
- 电子消费品
- 家用电器
- 印刷油墨，应用于如折叠盒和标签等

与之对应的水性版本 STAPA® IL HYDROLAN® S 系列 (STAPA® IL HYDROLAN® S 408、412、415、418 和 422) 在水性体系中具有优秀的化学耐性和耐发气稳定性。



SEM picture of SILVERSHINE 418 (opt. magn. 2000x) / SILVERSHINE 418 的 SEM 电镜图 (放大 2000x)

SILVERSHINE 400 – for the Coatings and Printing Industry / 适用于涂料和印刷行业

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SILVERSHINE 408

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SILVERSHINE 412

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SILVERSHINE 415

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SILVERSHINE 418

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SILVERSHINE 422



SILVERSHINE 400 – for the Coatings and Printing Industry / 适用于涂料和印刷行业

SILVERSHINE 400	Non-volatile content/ 非挥发分	screen analysis/wet sieving with organic solvents as rinsing liquid / 有机溶剂湿法筛析	Particle size distribution determined by/ 粒径分布 检测仪器 Helos approx./约值 [µm]				Solvent/ 溶剂
Grade / 型号		acc. to / 依据 DIN 53196 min.% (µm) < 40	< 25	D10	D50	D90	
408	60%	–	99,9	7	11	19	Mineral spirit/Solvent naphta 矿物油/石脑油溶剂
412	60%	–	99,9	8	14	22	
415	72%	–	99,8	10	18	31	
418	70%	–	99,5	12	22	38	
422	70%	–	99,5	14	26	45	



SILVERSHINE AE 800 – for Gravure and Flexo Applications / 适合于凹印和柔印应用

The SILVERSHINE AE 800 series has especially been developed for solvent-based flexo and gravure printing systems, combining strong coverage with the highest brilliance ever achieved. SILVERSHINE AE 800 系列专为溶剂型柔印和凹印油墨体系开发,是迄今为止高遮盖力和最强金属感的最佳结合产品。

SILVERSHINE AE 800	Colour shade / 色相	Leafing or non-leafing / 漂浮特性	Pigment content / 颜料含量 [%]	Particle size D50 [µm] approx. / 粒径 D50 [µm] 约值	Solvent / 溶剂	DPA free / 不含 DPA	APEO free / 不含 APEO	Mineral oil free / 不含矿物油	All ingredients Swiss listed / 所有成分符合瑞士法令
Grade / 型号									
AE 809	silver / 银	non-leafing / 非浮型	60	10	ethyl acetate / 乙酸乙酯	yes / 是	yes / 是	Content < 0,1% / 含量 < 0,1%	yes / 是
AE 811			60	12					

SILVERSHINE AE 809

SILVERSHINE AE 811



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With compliments
谨致友好问候

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