



SILBERCOTE® DF 适用于水性涂料的包覆型条状铝颜料  
Encapsulated Aluminum Pigment Pellets  
for Waterborne Coating Applications

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SILBERCOTE DF 包覆型水性条状铝颜料  
Encapsulated Waterborne Aluminum Pigment Pellets

SILBERCOTE® DF 是一种采用 SiO<sub>2</sub> 包覆的非浮型铝颜料，以条状、无尘形式供应，具备优异的操作性和配方灵活性。每个颜料颗粒均基于高度相容的树脂体系，专为水性涂料和油墨体系优化设计。

作为传统铝粉浆的现代替代方案，其在室内与室外应用中均表现出优异的颜色稳定性和出色的耐发气性能。条状形式可实现清洁加工、精准计量，并简化生产流程。

凭借在水性体系中的高相容性，SILBERCOTE® DF 适用于汽车、工业 (3C) 及印刷等高要求应用领域，在提供可靠性能的同时提升生产效率。

SILBERCOTE® DF 的主要优点包括：

- 可直接分散于水中，无需预润湿或溶剂预混
- 优异的润湿性与流动性，适用于多种树脂体系
- 简化工艺流程，提升生产效率
- 可在任意阶段简便添加以灵活调整色相
- 同时适用于水性和溶剂型体系，兼容性广
- 低 VOC、无矿物油，支持可持续配方设计
- 非危险品，便于全球运输

SILBERCOTE® DF is a SiO<sub>2</sub>-encapsulated, non-leafing aluminum pigment in a pelletized, dust-free format, offering easy handling and high formulation flexibility. Each pellet is based on a highly compatible resin system optimized for waterborne coatings and inks.

As a modern alternative to aluminum pastes, it delivers excellent interior and exterior colour stability and outstanding gassing resistance. The pellet format ensures clean processing, precise dosing, and simplified production.

With high compatibility in waterborne systems, SILBERCOTE® DF supports demanding applications in automotive, industrial (3C), and graphic-arts segments, combining reliable performance with improved manufacturing efficiency.

The key advantages of SILBERCOTE® DF are:

- Directly dispersible in water, no pre-wetting or solvent pre-mix required
- Superior wetting and flowability across multiple binder systems
- Enables faster, simplified production with fewer process steps
- Flexible post-adjustment of colour by direct pellet addition
- Broad compatibility with waterborne and solvent borne systems
- Low-VOC and mineral-oil-free, supporting sustainable formulations
- Non-dangerous goods for simplified global transportation

| SILBERCOTE® DF | 铝含量<br>Aluminum<br>Content | 粒径<br>Particle Size     | 颜料形状<br>Pigment Shape | 特点<br>Comment                  | 有效期<br>Shelf Life |
|----------------|----------------------------|-------------------------|-----------------------|--------------------------------|-------------------|
| 型号 / Type      | %                          | D50 [µm]<br>近似值 approx. |                       |                                |                   |
| 9305           | 80                         | 30                      | 银元型 / Silverdollar    | 强闪烁 / Strong sparkling         | 12 个月 / 12 months |
| 9185           | 85                         | 18                      | 银元型 / Silverdollar    | 强金属效果 / Strong Metallic Effect | 12 个月 / 12 months |
| 9135           | 85                         | 13                      | 银元型 / Silverdollar    | 细腻金属效果 / Fine Metallic Effect  | 12 个月 / 12 months |

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