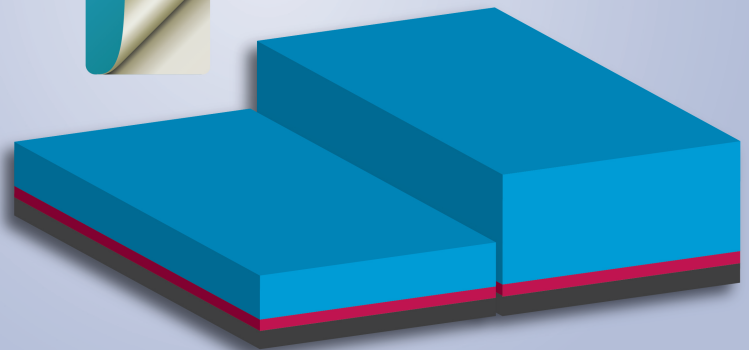


THIN COATING

ELEMENT Powder Coatings



ELEMENT Thin Coatings

- Up to 70% less consumption & less storage area
- Cost saving
- Excellent flow
- Excellent mechanical properties
- Perfect hiding power
- Good storage stability
- No changes in application method
- No VOC

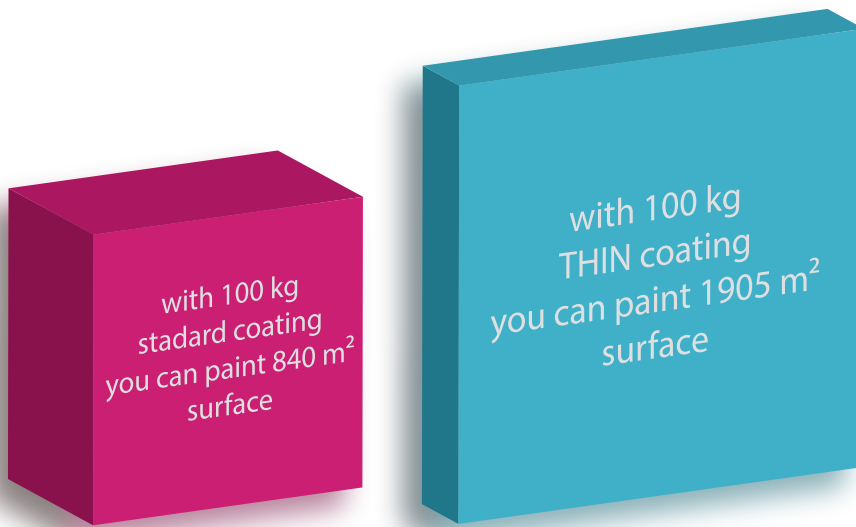
THIN COATING

ELEMENT Powder Coatings

Maximum performance with minimum Element Thin Coatings

ELEMENT THIN Powder Coatings provides a perfect finish with a thin film thickness that dramatically reduces powder coating consumption.

Our new technology now makes it possible to apply thin coatings that produce a perfect film appearance with film thickness from 25 µm. And all this can be achieved with standard application method.



Standard Powder Coating
Code:1D901S9016
Quantity:100 kg
Density: 1,70 gr/cm³
Film thickness: 70 µm
Transfer efficiency: 1,0 (100%)
Painted area: 8,40 m²/kg

Thin Powder Coating
Code:1D901T9016
Quantity:100 kg
Density: 1,75 gr/cm³
Film thickness: 30 µm
Transfer efficiency: 1,0
Painted area: 19,05 m²/kg

Use the following formula to find out how much you can save when you use ELEMENT THIN coating instead of standard coating.

$$\text{consumption } \frac{\text{m}^2}{\text{kg}} = \frac{1000 \times \text{transfer efficiency}}{\text{density } \left(\frac{\text{gr}}{\text{cm}^3}\right) \times \text{film thickness } (\mu\text{m})}$$

transfer efficiency = 1,0 for 100%
transfer efficiency = 0,9 for 90%

Product

Color: mostly white color
Curing: 200 °C 10' - 180 °C 10' - 160 °C 10'
Gloss: all gloss range

What you need to get maximum benefit from THIN coating

Pre treatment: zinc fosfate or better (to eliminate corrosion)
Size of parts for paint: big flat surfaces (not recommend for small parts)
Applicaition system: good earthing, robot guns (for uniform film thickness)

Please ask for other colors and features except for products included above.

ELEMENT Powder Coating

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