

STEELOOK SERIES

Powder coatings with mirror effect



1. TECHNICAL INFORMATION

2. POSSIBLE USAGE AND APPLICATIONS

3. PRODUCTS AVAILABLE IN STOCK

4. MARKETING MATERIAL

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1. TECHNICAL INFORMATION

• PRODUCT FEATURES

The *Steelook* series represents an incomparable and really unique kind of powder coating: the metal effect that results from the application of this product permits to decor every object and surface for original and really outstanding solutions.



Aluminum panel, 1 mm thickness, coated with *Steelook-001* powder then bended with die 6 mm and punch 0.8 mm.

• TECHNICAL DATA

| Powder type | Bonded polyester |
|-------------------------|-------------------------------|
| Finish | Glossy |
| Class resistance | Only for indoor use |
| Yield (in surface/mass) | 9,0 m ² /Kg |
| Specific weight | 1,27 ± 0,03 g/cm ³ |

• APPLICATION AND CURING CYCLE

Available for corona charging.

Recommended thickness: 100 µm.

Curing time and temperature:

- 20 minutes at 180°C – 356°F (metal temperature).
- 15 minutes at 190°C – 374°F (metal temperature).
- 10 minutes at 200°C – 392°F (metal temperature).

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• MECHANICAL PROPERTIES

| Test | Standard reference | Results |
|------------------------|--------------------|-------------------------|
| Buchholz | ISO 2815 | ok |
| Cross-cut | ISO 2409 | no loss of adhesion; ok |
| Impact | ISO 6272 | ok |
| Bending | ISO 1519 | no loss of adhesion; ok |
| Resistance to humidity | ISO 6270-2 | 100 hours |

• MECHANICAL RESISTENCE TEST



Bending



Cupping



Cross-cut



Impact

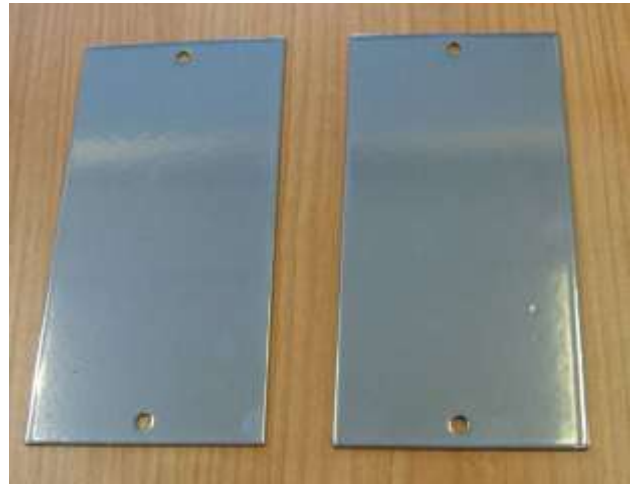
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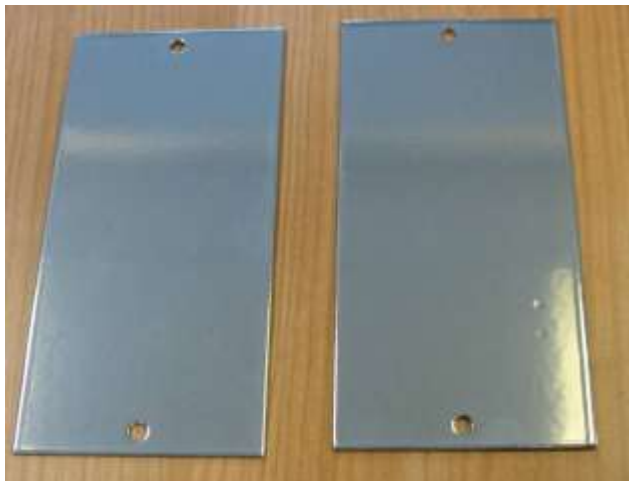
- **SAMPLES EXPOSED FOR 6 MONTHS**



Exposed sample Reference
Indoor



Exposed sample Reference
Air-conditioned room (23°C-73°F)



Exposed sample Reference
Laboratory



Exposed sample Reference
Refrigerator (5°C – 41°F)



Exposed sample Reference
Shaded outdoor



Exposed sample Reference
Outdoor

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2. POSSIBLE USAGE

This series finely suits the imitation of metal surfaces and metallic materials to obtain an amazing reflection of light and colors, but every application to valorize the total reflection of light in the *Steelook* powders will certainly afford an original and outstanding solution.



3. PRODUCTS AVAILABLE IN STOCK

- PRODUCT CODE

Steelook-001

- PACKAGING



Cardboard packaging; net weight 20 Kg – Lower weight miniboxes are available.

SERIE STEELOOK

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4. MARKETING MATERIAL



A4 catalogue with aluminum samples

P With each 20 kg product order will be delivered a copy **FOR FREE** of the **A4** catalogue with aluminum samples.

On demand, it is possible to **customize the marketing material**.

GICOLOR SRL

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