

Dedicated marketing material:

- MRK-005-0311



- MRK-005-0295



METALLOOK

Bonded powder-coatings with metal effects



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TECHNICAL TOOLS

Laboratory Tests and Technical Documentation

MRK-012-0093rev01

Marchi di qualità registrati di Decoral System®



DECORAL SYSTEM SRL

Viale del Lavoro, 5 - Arcole 37040 (Verona) ITALY - Tel. +39 045 7639111 - Fax +39 045 7639100
Email: info@decoral-system.com - Website: www.decoral-system.com

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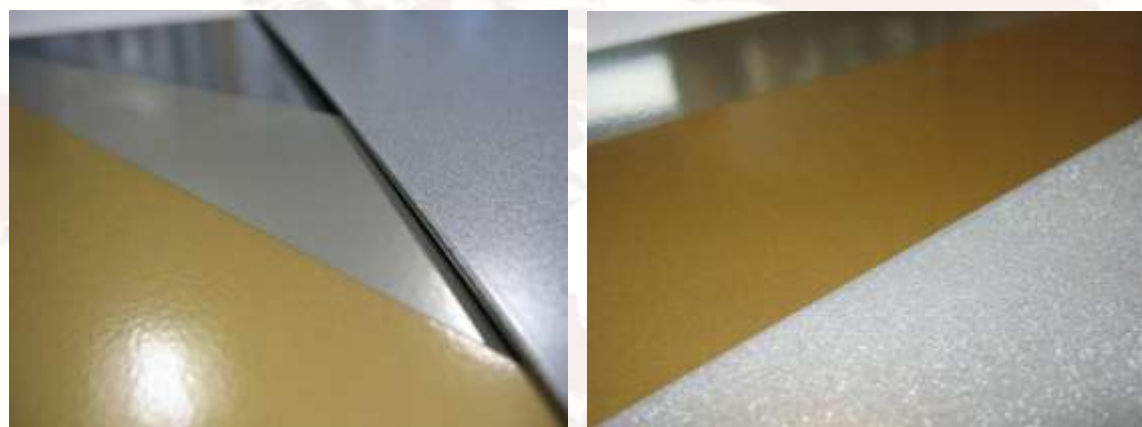
Bonded powder-coatings with metal effects



1. Product features

A special processing of these powders, called *bonding technology*, allows to feature these products with metallic and reflectance effects that are unachievable for normal powders.

Besides, when recycling the powder during the application, these products are not subjected to separation of the different components (for example, metallic and non-metallic particles), that may occur instead with a dry-blend product if the recycling process is not strictly controlled and repetitive.



2. Technical information

- Technical datas

Powder Type	Bonded product			
Product	Steelook-001	Titanlook-001	Goldlook-001	Silverlook-001
Class resistance	Not for outdoor	Not for outdoor	Not for outdoor	For outdoor use
Yield (in surface/mass)	7,9 m ² /Kg			
Specific weight	1,27 ± 0,03 g/cm ³			

- Application and curing cycle

Available for corona charging.

Curing time and temperature: 20 minutes at 356°F – 180°C (metal temperature).

Recommended thickness: 80-90 µm.

- Mechanical properties

Test	Standard reference	Result
Buchholz	ISO 2815	ok
Cross-cut	ISO 2409	no loss of adhesion; ok
Bending	ISO 1519	no loss of adhesion; ok
Reverse impact test	ASTM D2794	ok

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3. Available products

[Steelook-001](#)

[Goldlook-001](#)

[Titanlook-001](#)

[Silverlook-001](#)

4. Possible usage

With the bonded powders unique effects of light and metallization are achievable.

The opportunity to recycle powder during the application without problems and without strictly controlled conditions represents an add value for these products.



Left to right: glass bottles decorated with Goldlook-001, Titanlook-001 and Silverlook-001



Steelook-001