

Dedicated marketing material:

- MRK-005-0275



- MRK-005-0448



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TECHNICAL TOOL

Laboratory Tests and Technical Documentation

MRK-012-0126

Gicolor

S.r.l.

GLASS-XXX

Special translucent powder-coatings



1. PRODUCT FEATURES
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Glass

Special translucent powder-coatings

1. PRODUCT FEATURES

The brilliance of the colors is what makes *Glass* powders a very special kind of coating: the pigmentation of these powders allows indeed a unique effect, with a peculiar translucency that lets you see the surface below the powder. Every option of formulation (textured, matt, glossy...) allows obtaining a unique effect in each time.



Picture 1: Sample panel coated with Glass-004

2. TECHNICAL INFORMATION

- Technical data

Chemical nature	Polyurethane
Covered area for unit weight	13,1 m ² /Kg
Specific weight	1,27 ± 0,03 g/cm ³

- Application and curing cycle

Available for corona charging.

Curing time and temperature: 25 minutes at 195°C – 383°F (metal temperature).

Recommended thickness: 60 – 80 micron.

- Mechanical properties

Test	Standard reference	Result
Buchholz hardness	ISO 2815	ok
Cross-cut	ISO 2409	no loss of adhesion: ok
Bending	ISO 1519	no loss of adhesion: ok
Salt spray	ISO 9227	corrosion <4 mm: ok

3. OPTIONS AND SPECIAL FORMULATIONS

Several options of this series are available:

- Antimicrobial;
- Textured, matt, or glossy;
- Low curing temperature.

Glass

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4. DOUBLE COATING

The double coating technique nicely suits the low hiding power, which is typical of this series; when the *Glass* powders are used as second layer on PE411 (which is a special polyester product ideal as first layer), then the color is fully emphasized.



Picture 2: Examples of some of the available colors.

5. POSSIBLE USE

The *Glass* powders are fully valued when the surface underneath can be glimpsed, so that new and unusual effects are created; but also when double coating highlights the color.



Picture 3: Jugs decorated with Glass-001 (left) and Glass-003 (right).