

Dedicated marketing material:

- MRK-005-0132



- MRK-005-0014R4



Decoral System®

8A-XXX-A001 SERIES (DS 8XX)

Glossy Powder Coatings



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TECHNICAL TOOLS

Laboratory Tests and Technical Documentation

MRK-012-0087rev3

Marchi di qualità registrati di **Decoral System®**



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8A-XXX-A001 SERIES

Glossy Powder Coatings



1. Product features

The powders of the 8A-XXX-A001 series (previous code: DS 8XX) are characterized by a smooth glossy surface (gloss 85 ± 10).

A large variety of colors is available for this series, and they are valorized at their best when decorated with heat-transfer technology.



Marble effects on sublimable glossy powder-coatings

. Technical information

- Technical data

Powder type	Polyurethane
Class resistance	For indoor use
Yield (in surface/mass)	13,1 m ² /Kg
Specific weight	1,27 ± 0,03 g/cm ³

- Application and curing cycle

Available for corona charging or disco application.

Curing time and temperature: 20 minutes at 200°C – 392°F (metal temperature).

Reccomended thickness: 60 microns – yield 13,1 m²/Kg,

70 microns – yield 11,2 m²/Kg,

80 microns – yield 9,8 m²/Kg.

- 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

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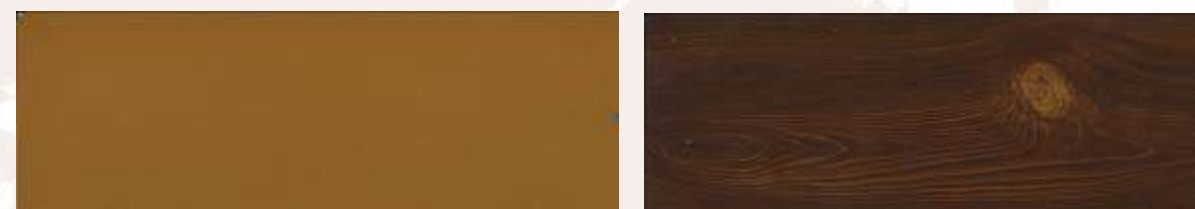
3. Variants and special formulations

Several variants for this series are available. It is possible to produce it:

- Superdurable (class 2);
- Antimicrobial;
- Low-cure (20 minutes at 190°C – 374°F).

4. Sublimation

Heat-transfer technology allows to expand the number of decorative solutions: by matching the decors of heat-transfer films with the powder coating bases we can both reach highly realistic wood effects as well as original and striking solutions.



DS-0821S base and DS-0821S base decorated with heat-transfer film 2113/03

5. Possible usage

The powders of the 8A-XXX-A001 series represent a perfect solution for the imitation of glossy wooden surfaces, and for all those applications where their special way of reflecting the light can give outstanding and elegant results.

