

TECHNICAL DATA SHEET

CODE : P E 4 6 7 6 7 6

PRIMER 7001 OPACO

1.1 DESCRIPTION

Thermosetting grey ca 7001 powder coatings based on epoxy system, matt surface and with very good flow.

Due to its characteristics this coating is suitable for application as primer for aluminium wheels, and should be easily recoated with powder or solvent top coat.

1.2 APPLICATION

- Electrostatic Corona
- Electrostatic Tribo

1.3 SUBSTRATE

- Iron, steel, aluminium

2.1 POWDER CHARACTERISTICS

SPECIFIC GRAVITY (POQ07-30) Kg/l) : 1,500 ÷ 1,560

MILEAGE (m2/Kg.) a 60 µm : 11.1 ÷ 10.6

Particle size distribution (POQ07-16) µm : 40 ÷ 44

STORAGE STABILITY AT 20°C : 24 months
 in the original boxes

2.2 CURING CONDITIONS

STANDARD CONDITIONS : 15' @ 180°C metal temperature

The film obtained maintains its property if the polymerisation conditions are respected.

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3.1 DRY FILM CHARACTERISTICS

- COLOR : GREY ca 7001
- APPEARANCE: : SMOOTH, MATT SURFACE

3.2 DRY FILM CHEMICAL AND MECHANICAL RESISTANCE

All tests have been effectuated on UNI 0,5 mm thickness panels cured at the standard polymerisation conditions

Test film thickness: 120 µm

TEST	METHOD	RANGE
FILM THICKNESS	POQ07-07	120 ÷ 140 µm
GLOSS (60°)	POQ07-12	20 ÷ 30 gloss
ADHESION	POQ07-19	90 ÷ 100% GT0
CUPPING ERICHSEN	POQ07-20	> 5 mm
DIRECT IMPACT (2lbs – ½ inch)	POQ07-09	80 ÷ 100 cm. No cracking
INDIRECT IMPACT (2lbs – ½ inch)	POQ07-09	80 ÷ 100 cm. No cracking

NOTE :The information contained is to the best of our knowledge, true and accurate, but any recommendations or suggestions, which may be made are without guarantee, since the conditions of use are beyond our control.

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