

**TECHNICAL DATA SHEET  
PE/P/M GREY RAL 7031 HR  
CODE 18976**

**DESCRIPTION**

TGIC-free polyester resin based thermosetting powder coating

**FIELD OF USE**

Any outdoor coating where an excellent weather resistance is required

**MAIN MARKETS**

Outdoor aluminum architecture of all kinds: sliding doors - verandahs - walls - curtains...

Heavy galvanized architecture (railings, handrails...)

The finish has a gloss aspect.

**POWDER CHARACTERISTICS PRIOR TO APPLICATION**

Actual density:  $1,43 \pm 0,05$

Good below 35°C in closed bags. Store in a dry place.

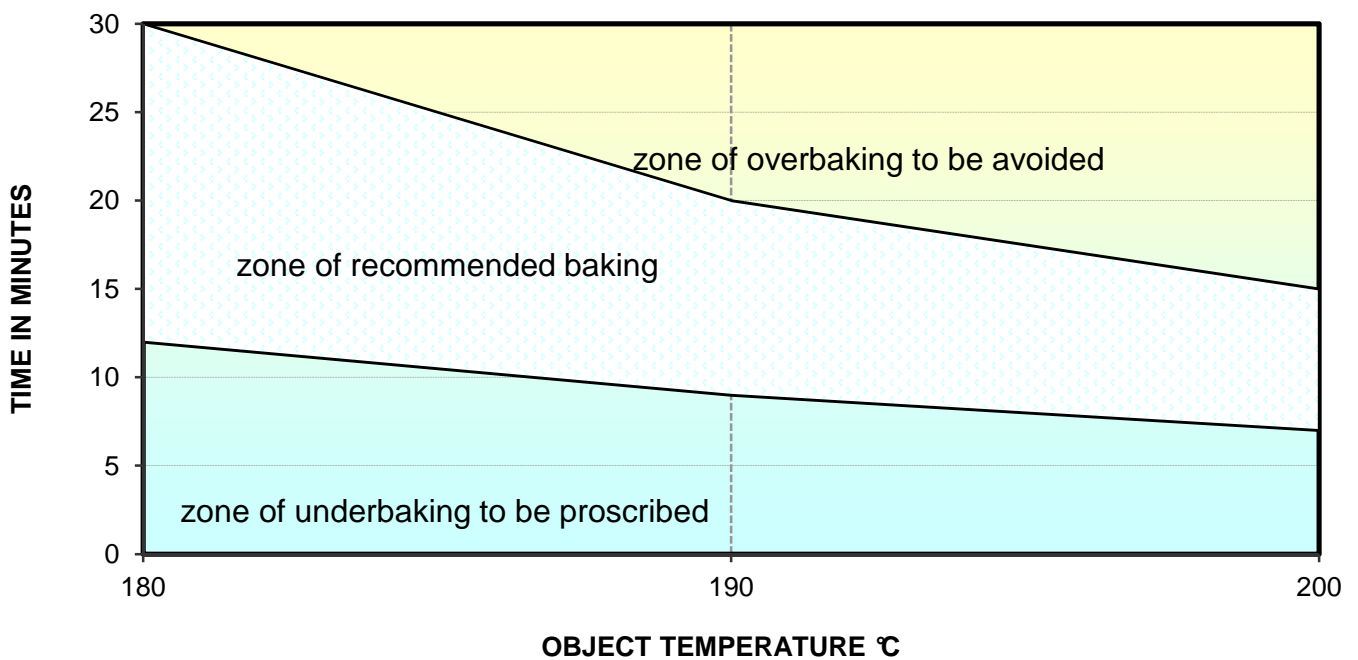
Safety: maximum air concentration: 10g/m<sup>3</sup>

**POLYMERIZATION**

In direct flame ovens, some conditions might induce shade variations.

Please ask us prior to any use.

**CURING SCHEDULE**



## APPLICATION SYSTEMS

Electrostatic projections (for triboelectrical application: please call us)

## COATINGS PERFORMANCE

Aluminum support according to surface treatment according to DIN 50939

Support thickness: 0.8 mm

QUALICOAT SPECIFICATIONS	NORMS	RESULTS
THICKNESS	NF EN ISO 2360	60-80 µm
GLOSS (60°)	NF EN ISO 2813	(30 ± 5) %
CROSS CUT ADHESION	NF EN ISO 2409	Classification 0
INDENTATION BUCHHOLZ	NF EN ISO 2815	>100
ERICHSEN CUPPING	NF EN ISO 1520	> 7 mm
BEND TEST - CYLINDRICAL MANDREL	NF EN ISO 1519	diameter 5 mm
IMPACT RESISTANCE	NF EN ISO 6272	>2,5Nm
KESTERNICH ( SO2)	NF EN ISO 3231	>24 cycles
SALT SPRAY	NF EN ISO 9227	< 4 mm
RESISTANCE TO HUMIDITY IN CONSTANT ATMOSPHERE	DIN 500 17	no corrosion and blister
RESISTANCE TO MORTAR	ASTM D 3260	no adhesion after 24 hours

The PE/P/M powders have received the approval nr PO106.

The information contained in this notice is to the best of our knowledge as of today, and does absolutely not represent a result guarantee.

The use and implementation of our RubiCoat powders are under your sole responsibility.

***A index - updated on 06/24/2016***