



TECHNICAL DATA SHEET
PE/P/M RED RAL 3004
CODE: 3749

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 satine aspect.

POWDER CHARACTERISTICS PRIOR TO APPLICATION

Actual density: $1,36 \pm 0,05$

Storing stability: good in closed bags - keep away from heat (maximum 35°C)
and from humidity

Shelf life : 24 months

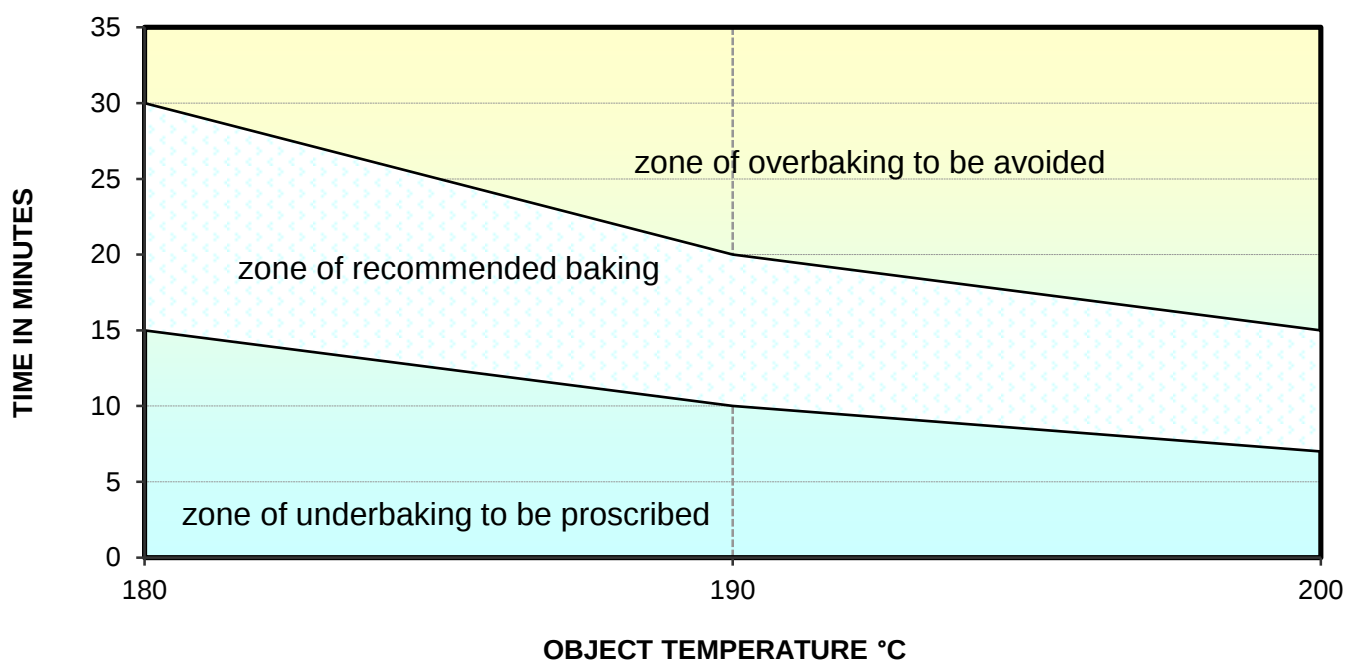
Safety: maximum air concentration: 10g/m³

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) GU
CROSS CUT ADHESION	NF EN ISO 2409	Classification 0
INDENTATION BUCHHOLZ	NF EN ISO 2815	>100
ERICHSEN CUPPING	NF EN ISO 1520	> 5 mm
BEND TEST - CYLINDRICAL MANDREL	NF EN ISO 1519	diameter 5 mm
IMPACT RESISTANCE	NF EN ISO 6272	>2,5Nm
KESTERNICH (SO ₂)	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 and GSB 280B.

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 powders are under your sole responsibility.

A index - updated on 09/15/2017