

## TECHNICAL DATA SHEET PE/P/Q FTX GREY RAL 7005 HR CODE : 14661

### DESCRIPTION

TGIC-free, fine textured, polyester resin-based thermosetting powder coating.

### FIELDS OF USE

Any outdoor coating where an excellent weather resistance is required.

### MAIN MARKETS

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

Heavy galvanized architecture (railings, handrails...)

The finish is matt.

### POWDER CHARACTERISTICS PRIOR TO POLYMERIZATION

Actual density:  $1,48 \pm 0,05$

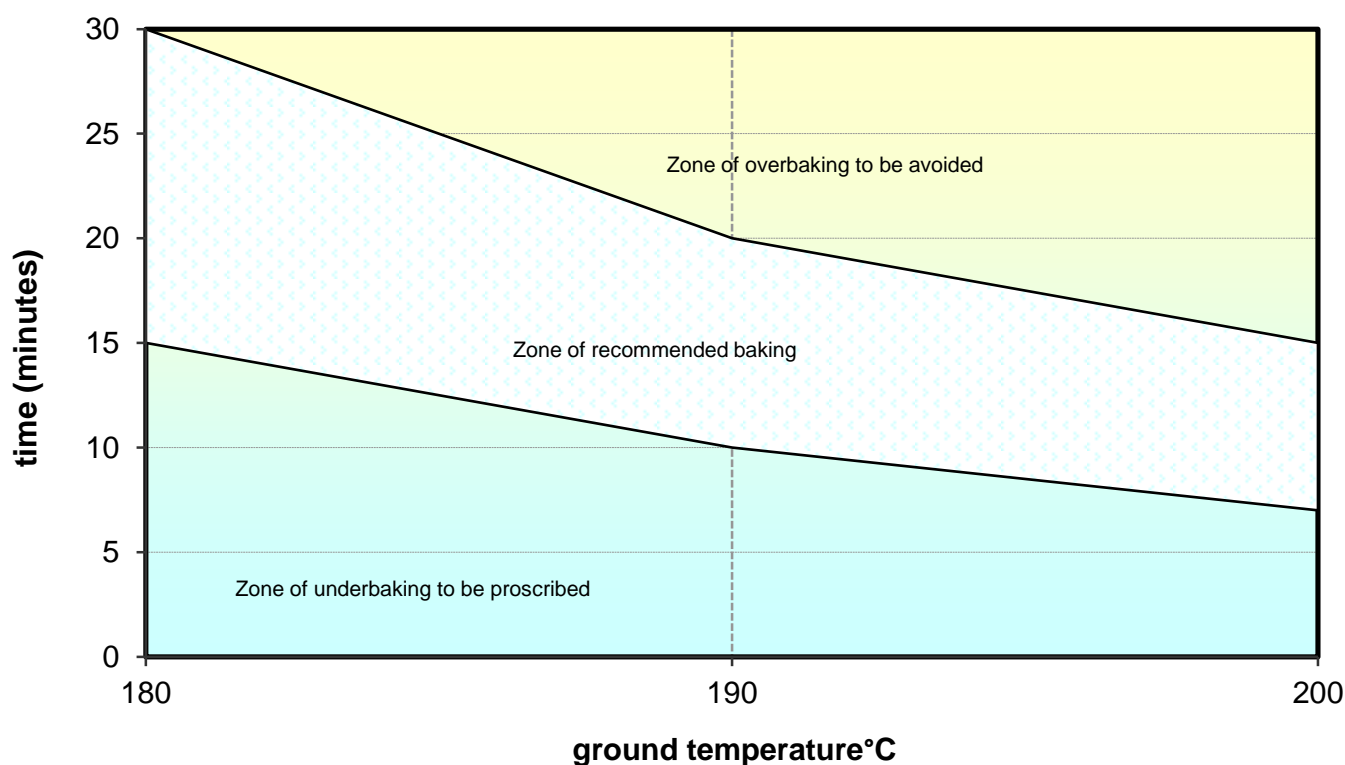
Storing stability: good in closed bags - keep away from heat (maximum 35°C)  
and from humidity

Shelf life : 24 months

Safety: maximum air concentration:  $10 \text{ g/m}^3$

### POLYMERIZATION

In direct flame ovens, some curing conditions may induce specific shade variations. Please ask us before use.



# SHERWIN-WILLIAMS.

## APPLICATION SYSTEMS:

Electrostatic projections (please ask us for a triboelectrical version)

## COATING'S PERFORMANCE:

Aluminum support prepared with surface treatment according to DIN 50939 standard

Support thickness 0.8 mm

QUALICOAT SPECIFICATIONS	NORMS	RESULTS
THICKNESS	NF EN ISO 2360	60-80 µm
GLOSS (60° )	NF EN ISO 2813	(4-6) GU
ADHESION BY SQUARING	NF EN ISO 2409	Classification 0
INDENTATION BUCHOLZ	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 ( SO2)	NF EN ISO 3231	>24 cycles
SALT SPRAY	NF EN ISO 9227	< 4 mm
RESISTANCE TO HUMIDITY IN CONSTANT ATMOSHERE	DIN 500 17	no corrosion and blister
RESISTANCE TO MORTAR	ASTM D 3260	no adhesion after 24 hours

The PE/P/Q FTX powders have received the approvals :Qualicoat P-O737 and GSB 280C.

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

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

*Inex A - updated on 03/11/2017*