

**TECHNICAL DATA SHEET**  
**PE/P/Q FTX YELLOW RAL 1027 HR**  
**CODE : 20171**

**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:  $1,45 \pm 0,05$

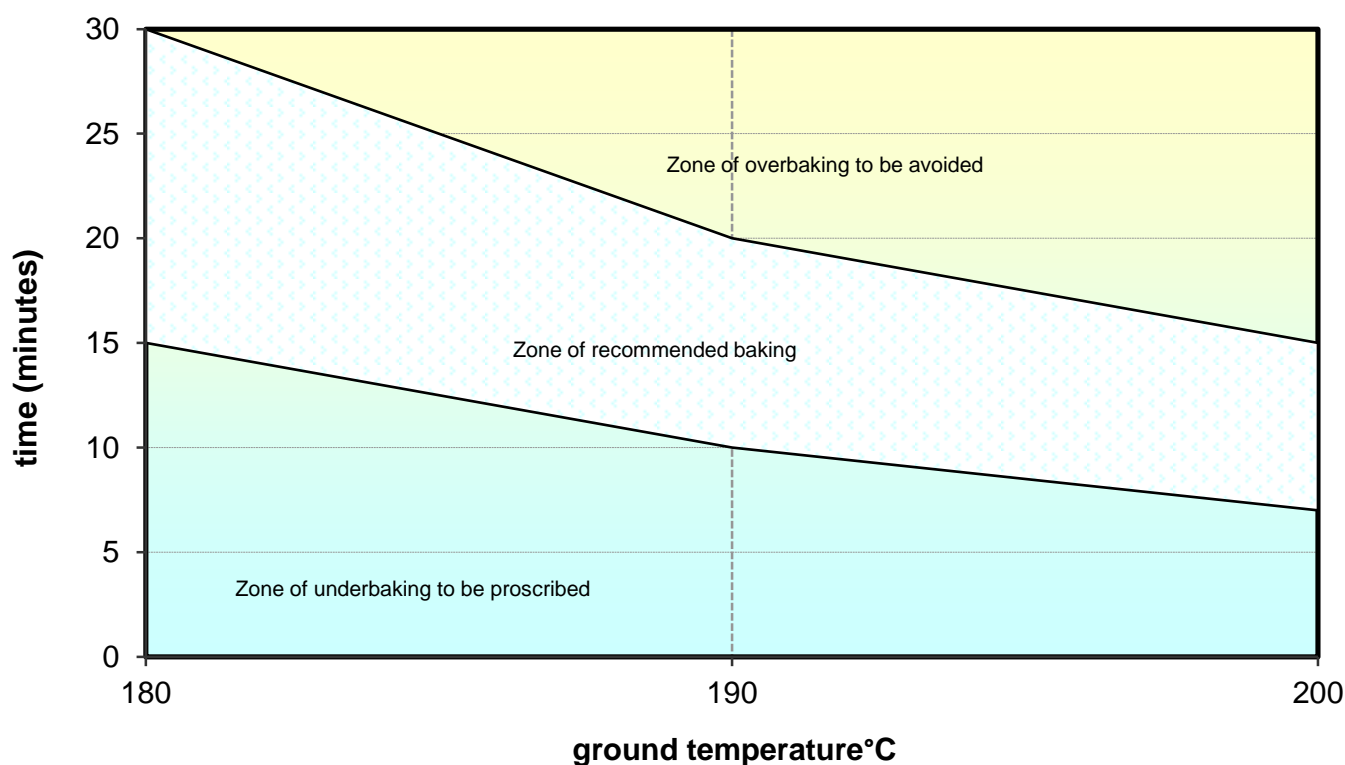
Storing stability: good in closed bags - keep away from heat (maximum 35°C)  
and from humidity

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.



#### 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 | > 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/Q FTX powders have received the approvals :Qualicoat P-O737

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 03/03/2015***