

TECHNICAL DATA SHEET
PE/P/Q FTX BROWN RAL 8000 HR
CODE : 20069

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: $1,45 \pm 0,05$

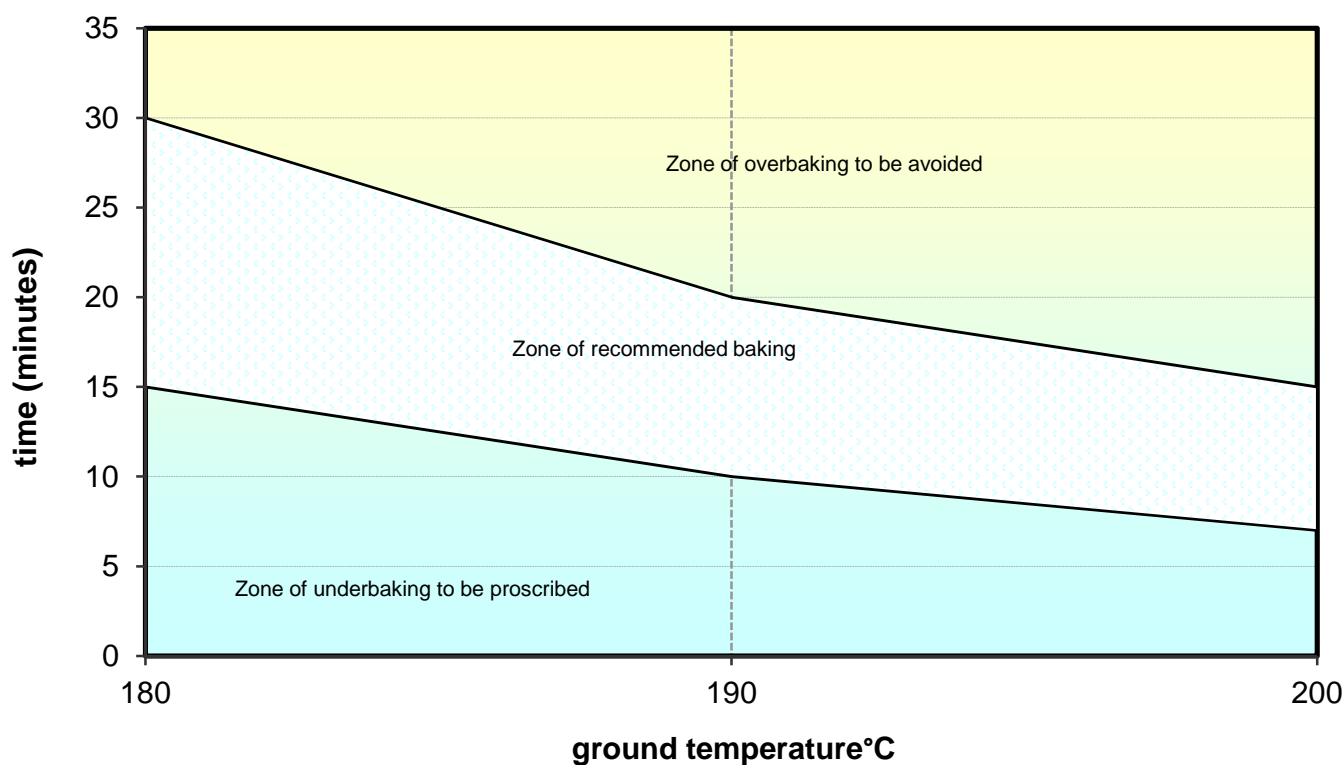
Storing stability: good in closed bags - keep away from heat (maximum 35°C)
and from humidity

Shelf life : 24 months

Safety: maximum air concentration: 10 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 | > 5mm |
| 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

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