



TECHNICAL DATA SHEET

PE/P/Q FTX BROWN RAL 8019 840HR (former name : KT21 Givré) CODE 3814

DESCRIPTION

TGIC-free, rough 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 semi glossy.

POWDER CHARACTERISTICS PRIOR TO POLYMERIZATION

Actual density: 1,51+/-0,05

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

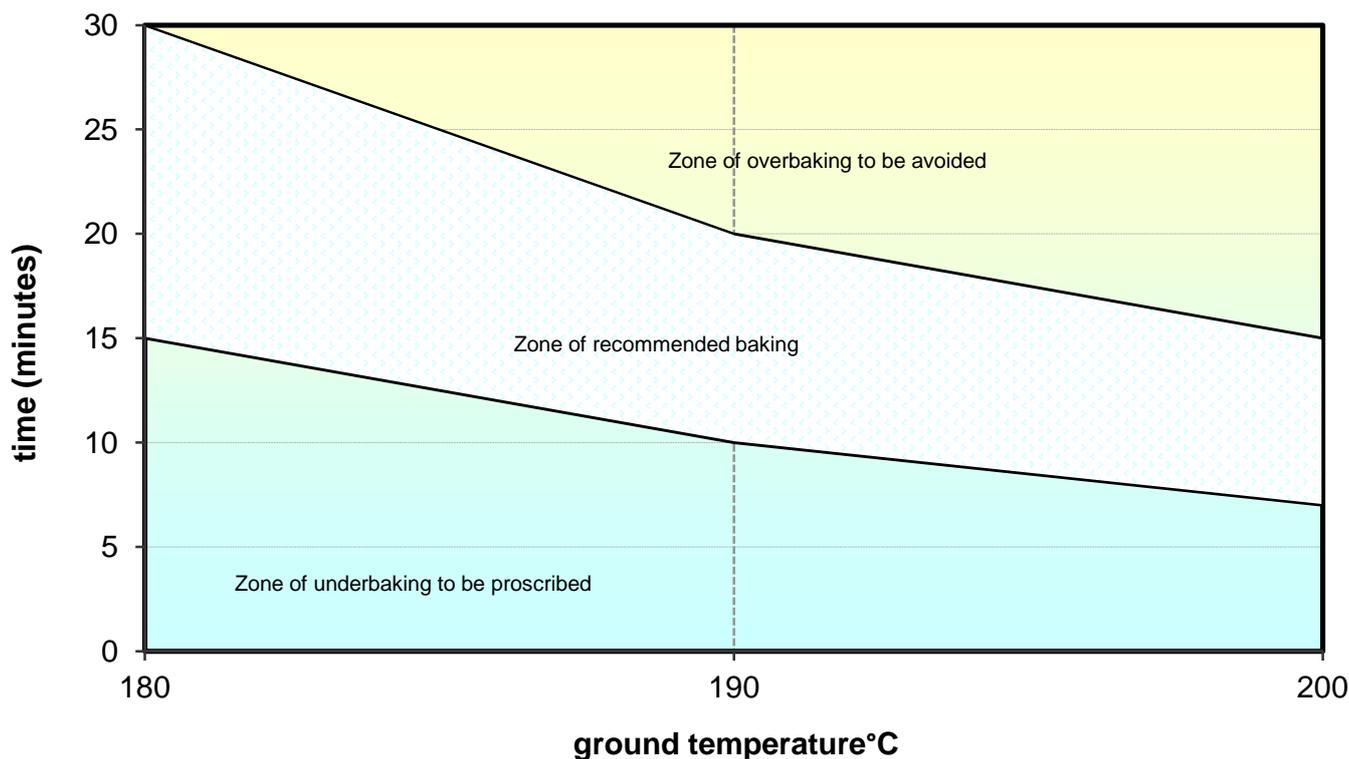
and from humidity

Shelf life : 24 months

Safety: maximum air concentration: 10 g/m³

POLYMERIZATION

In direct flame ovents, some curing conditions may induce specific shades 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	(7-10) %
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 ATMOSHERE	DIN 500 17	no corrosion and blister
RESISTANCE TO MORTAR	ASTM D 3260	no adhesion after 24 hours

The RubiSof KT21 powders have received the nr P-O737 approval.

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 RubiCoat powder are under your sole responsibility.

Inex A - updated on 22/05/2015