

## TECHNICAL DATA SHEET PE/P/M BROWN RAL 8022 CODE: 6455

### 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:  $1,37 \pm 0,05$

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

Shelf life : 24 months

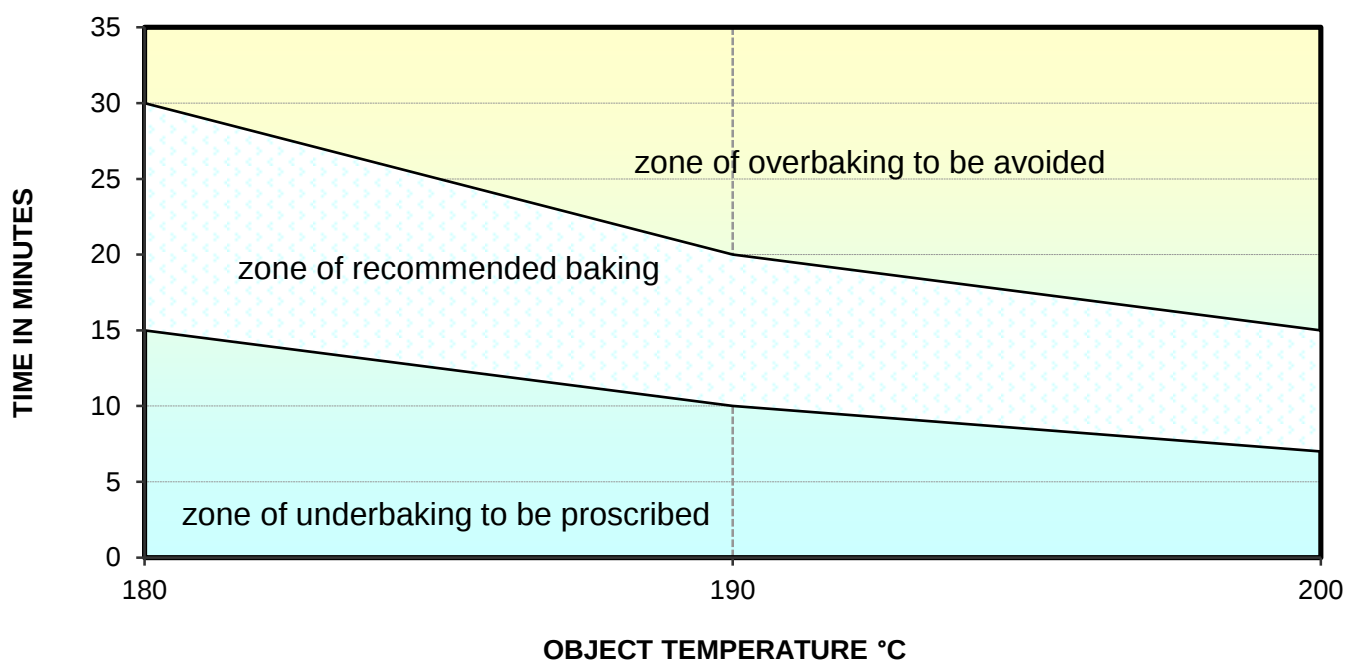
Safety: maximum air concentration: 10g/m<sup>3</sup>

### 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 <sub>2</sub> )                | 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***