

TECHNICAL DATA SHEET PE/P/M IVORY RAL 1014 HR CODE : 20352

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: $1,49 \pm 0,05$

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

Shelf life : 24 months

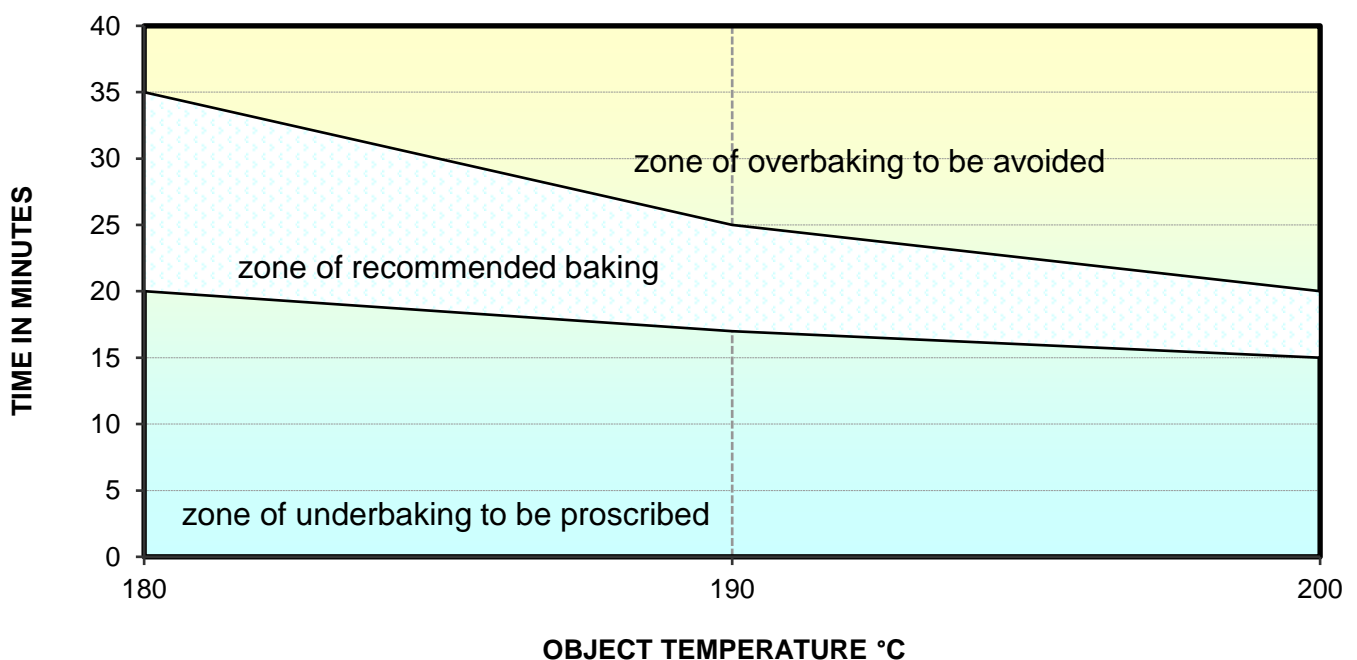
Safety: maximum air concentration: 10g/m³

POLYMERIZATION

In direct flame ovens, some conditions might induce shade variations.

Please ask us prior to any use.

CURING SCHEDULE



SHERWIN-WILLIAMS.

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 μ m |
| GLOSS (60°) | NF EN ISO 2813 | (30 \pm 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 ₂) | 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 Syntha Pulvin PE/P/M powders have received the approvals Qualicoat P-0106 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 09/01/2020