



Estetic[®] Standard

Properties

- Good corrosion resistance
- Good formability
- Thermosetting paint
- Surface treatment and paint: free of hexavalent chromium and heavy metals

Applications

Basic coating for indoor applications: shelves, radiators, casings

Description

| | |
|------------------------------------|--|
| Thickness ⁽¹⁾ | 25 microns |
| Composition | Front: 5 microns primer + 20 microns top coat Back: 5, 7, 10 or 12 microns backing coat |
| Gloss (Gardner 60°) ⁽¹⁾ | 30 GU Other gloss levels on request |
| Colours | Colour palette Other colours on request |
| Appearance | Smooth |
| Temporary protection (optional) | Self-adhesive film or heat-sealed film |

Performance

| | |
|--|---------------------------------------|
| Adhesion of the coating (T-bend) | ≤ 2 T |
| Resistance to cracking on bending (T-bend) | ≤ 3 T |
| Impact resistance | 18 J |
| Surface "pencil" hardness | HB to H |
| Condensation resistance: • QCT test • Corrosion protection category | 1000 hours CPI3 |
| Salt spray test | 240 hours |
| Fire behaviour classification (EN 13501-1) | A1 |
| Resistance to acids and bases | Good |
| Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics | Very good Low Good to very good |
| Resistance to mineral oils | Very good |

Remarks

These performance characteristics refer specifically to metallic coating Z100 and Optigal[®] ZM60 (guaranteed minimum). If any product (film, oil, foam, glue, paint etc) is to be applied after coil delivery, compatibility with the coating needs to be checked first.

Although we take great care to reproduce the same aesthetic aspect on each coil, ArcelorMittal cannot guarantee the visual consistency from one batch to another. Consequently, you need to consider placing one single order for one building; standard samples can only serve as a guide.

(1) Nominal value, tolerance according to EN 10169