



Granite[®] Comfort

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| Properties | Thermosetting paint | <ul style="list-style-type: none"> • High solar reflectance performance • Very good resistance to solar radiation • Good corrosion resistance • Good formability |
| Applications | External building and general industry: sandwich panels, insulated systems, single profiles Building projects with low energy consumption requirement | |
| Description | Thickness | 25 microns |
| | Composition | Front: 5 microns primer + 20 microns top coat Back: 5, 7, 10 or 12 microns backing coat Double-side finish available |
| | Gloss (Gardner 60°) | Usual: 30 GU Other gloss levels on request |
| | Colours | Colour palette Specific colours on request |
| | Total Solar Reflectance (ASTM E 903 – 96) | ≥ 25% |
| | Appearance | Smooth Grained and wrinkled on request |
| | Temporary protection (optional) | Self-adhesive film or heat-sealed film on smooth coating |
| Performance | Adhesion of the coating (T-bend) | ≤ 1 T |
| | Resistance to cracking on bending (T-bend) | ≤ 2 T |
| | Impact resistance | 18 J |
| | Surface "pencil" hardness | HB to H |
| | Clemen scratch resistance | ≥ 2 kg |
| | Corrosion resistance: • Salt spray test • Corrosion resistance category | 360 hours RC3 |
| | Condensation resistance (QCT) | 1000 hours |
| | UV resistance: • QUV (UVA + H ₂ O) test (2000 hours) • UV resistance category | ΔE ≤ 3; GR ≥ 60% RUV3 |
| | Fire behaviour classification: • France CSTB • NF EN 13501-1 | M0 A1 |
| | Resistance to acids and bases | Good to very good |
| | Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics | Very good Low Good to very good |
| | Resistance to mineral oils | Very good |
| Guarantee | <ul style="list-style-type: none"> • Non-perforation of the sheet metal • Non-delamination of the paint • Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 50%) | <ul style="list-style-type: none"> ≤ 10 years, depending on the external environment ≤ 10 years, depending on the external environment ≤ 5 years, depending on the geographic location and on the paint colour category |
| Remarks | These performance characteristics refer specifically to metal coating Z225, Z200 in Spain, Z150 in Italy (guaranteed minimum). If any product (film, oil, foam, glue, paint etc) is applied after coil delivery, compatibility with the coating has to be checked. | |