



# Granite<sup>®</sup> Cloudy

|  |   |  |
|--|---|--|
| <b>Properties</b>  | Thermosetting paint   | <ul style="list-style-type: none"> <li>• Very good formability during deep drawing and profiling</li> <li>• Good corrosion resistance</li> </ul>   |
| <b>Applications</b>  | <b>External use: coating specifically designed for roof tiles</b>   |  |
| <b>Description</b>   | Thickness   | Usual: 35 microns  |
|  | Composition   | Front: 35 microns<br>Back: 5, 7, 10 or 12 microns backing coat<br>Single-side finishing  |
|  | Colours / Gloss (Gardner 60°)   | Anticato / 5 GU<br>Terracotta / 20 GU  |
|  | Appearance  | Cloudy effect  |
|  | Temporary protection (optional)   | Self-adhesive film; please contact us  |
|  | <b>Performance</b>  | Adhesion of the coating  |
| Resistance to cracking on bending  |   | ≤ 1 T  |
| Impact resistance  |   | 18 J   |
| Clemen scratch resistance  |   | ≥ 2 kg   |
| Resistance on deformed parts: Marciniak test                                     |   | < 1C1  |
| Surface "pencil" hardness  |   | F  |
| Corrosion resistance:<br>• Salt spray test<br>• Corrosion resistance category    |   | 360 hours depending on the substrate<br>RC3  |
| Condensation resistance (QCT)  |   | 1000 hours   |
| UV resistance category   |   | RUV4   |
| Fire resistance (EN 13501-1)   |   | A1   |
| Resistance to acids and bases  |   | Good to very good  |
| Resistance to solvents:<br>• Aliphatics and alcohols<br>• Ketones<br>• Aromatics |   | Very good<br>Low<br>Good to very good  |
| Resistance to mineral oils   |   | Very good  |
| <b>Automatic guarantee</b>   |   | Please refer to the guarantee text in the module Products & Services > Guarantee organic coated steel on <a href="http://www.arcelormittal.com/fce">www.arcelormittal.com/fce</a>  |
|  | <ul style="list-style-type: none"> <li>• Non-perforation of the sheet metal</li> <li>• Non-delamination of the paint</li> <li>• Aesthetic appearance (<math>\Delta E \leq 3</math>; Gloss retention <math>\geq 80\%</math>)</li> </ul>  | <ul style="list-style-type: none"> <li>≤ 10 years, depending on the external environment</li> <li>≤ 10 years, depending on the external environment</li> <li>≤ 5 years, depending on the geographic location and on the paint colour category</li> </ul> |
| <b>Remarks</b>   | <p>These performance characteristics refer specifically to metal coating Z225 (guaranteed minimum). Although we take great care to reproduce the standard cloudy effect on each coil, ArcelorMittal does not guarantee the visual consistency of the colour from one coil to another. Consequently, you need to consider placing one single order for one building; standard samples can only serve as a guide.</p> |  |