### Properties and applications

- Good resistance to corrosion
- Good color and appearance stability
- Good outdoor durability
- Good forming ability

### Colour freedom

Any trust guarantee must be validated/authorized by ArcelorMittal Construction and the durability will be defined by our specialists after analysis of the environmental questionnaire.

### Standards in force

- **Metal substrate**
  - EN 10346: 2015
  - CSTB: ETPM ZMevolution®
  - Zulassung Z-30.11-61
- **Organic coating**
  - EN 10169: 2010
  - CSTB: ETPM ZMevolution®
  - Zulassung Z-30.11-61

### Coating description

- **Composition**
  - Thermosetting polyester resin
  - Front: 5 µm of primer – 20 µm of top coat
  - Back: Back coat category CPI2
- **Possibilities**
  - Back: 25 µm on request
- **Gloss**
  - Hairplus®: nominal 30 GU
  - Hairplus® M on request: nominal 15 GU

### Coating class

- **Indoor environment**
  - Category CPI3 (NF EN 10169)
- **Outdoor environment**
  - Category RUV3 and RC3 (NF EN 10169)
  - Category C3 (Zulassung Z-30.11-61)

### Coating properties

<table>
<thead>
<tr>
<th>Paint hardness</th>
<th>Pencil hardness</th>
<th>HB-H</th>
<th>Color Gloss</th>
<th>UV resistance</th>
<th>ΔE ≤ 3</th>
<th>Gloss retention ≥ 60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion resistance</td>
<td>Sand blasting</td>
<td>40 liters</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TABER</td>
<td>60 mg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexibility at 20°C</td>
<td>Brutal indentation</td>
<td>No peeling</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bending</td>
<td>3t without cracking</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ERICHSEN</td>
<td>Very good</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thermal resistance</td>
<td>Oven</td>
<td>Maxi : 90°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Chemical agents**
  - Acids and bases
  - Mineral oils
  - Alphatic solvents
  - Aromatic solvent
  - Ketonic solvents
  - Chlorine solvents

- **Fire behavior**
  - Euroclass A1

- **Others**
  - TVOC : 9.5µg/m³
  - Formaldehyde : 11.9µg/m³
  - CMR<Limit of detection

### Available with anti-graffiti Flontec® functionality

- Urban

Any trust guarantee must be validated/authorized by ArcelorMittal Construction and the durability will be defined by our specialists after analysis of the environmental questionnaire.