termolac®
High Quality Powder Coating
designed for laminated products
Fire Class A2-s1,d0 according to EN 13501-1

Aluminium sheets and coil coating with high quality powder paint that combines high durability properties and excellent mechanical characteristics that allow forming and bending up to 0T with guarantee.

### FEATURES

<table>
<thead>
<tr>
<th>Surfaces</th>
<th>termolac®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum quantities</td>
<td>Aluminium series 1000 / 3000 / 5000</td>
</tr>
<tr>
<td>Minimum - maximum thickness</td>
<td>Galvanized steel MBO</td>
</tr>
<tr>
<td>Length</td>
<td>Sheets: 1000 kg</td>
</tr>
<tr>
<td>Minimum - maximum width</td>
<td>Coils: 3000 kg</td>
</tr>
<tr>
<td>Plastic film</td>
<td>Aluminium sheets: 0,7 mm - 4 mm</td>
</tr>
<tr>
<td>Colour charts</td>
<td>Aluminium coils: 0,4 mm - 1,5 mm</td>
</tr>
<tr>
<td>Finishes</td>
<td>Galvanized steel sheets: 0,3 mm - 2 mm</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Termolac®</th>
<th>Galvanized steel coils: 0,2 mm - 0,8 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC film</td>
<td>≤6000 mm</td>
</tr>
<tr>
<td>Coating thickness</td>
<td>800 mm - 1600 mm</td>
</tr>
<tr>
<td>Pretreatment</td>
<td>35µ transparent - 80µ Black/White - Laser</td>
</tr>
<tr>
<td>Aluminium</td>
<td>RAL</td>
</tr>
<tr>
<td>(1000 / 3000 / 5000 series)</td>
<td>NCS</td>
</tr>
<tr>
<td>Pretreatment</td>
<td>PANTONE</td>
</tr>
<tr>
<td></td>
<td>High Gloss</td>
</tr>
<tr>
<td></td>
<td>Matt</td>
</tr>
<tr>
<td></td>
<td>Metallic</td>
</tr>
<tr>
<td></td>
<td>Textured</td>
</tr>
</tbody>
</table>
High Quality Powder Coating

Continuous sheet coating line

Coil coating line

Non continuous sheet coating line

¡Warranty for folding!

termolac® coating test

Wide range of colours
Any RAL colour

0° Folded to 180° with inner radius 0

High UV resistance

High fire resistance Classification A2-s1-d0

Easy forming

Quick and easy assembly

Recyclable 100%
ADVANTAGES:
● High Quality Powder Coating that can be matched to painted extrusion profiles.
● Perfect flatness.
● Sheets are coated in a flat continuous process, without holes or hanging marks.
● Protection with PVC plastic film.
● Excellent weathering and anti-corrosion performance.
● Excellent durability.
● Easy forming.
● Unlimited range of colours: textured, metallic, matched colours...
● Possibility of RAL, NCS and other colour charts.
● Personalized service.
● ISO 9001:2015 and 14001:2015 certifications
● Warranties up to 10 years.
● Manufacturing process without solvents.
● Low environmental impact and zero toxic gas emissions with ecological paints.
● ECCA (European Coil Coating Association) member.

ARCHITECTURAL FACADES
● Up to 4 mm thickness in continuous.
● A2-s1, d0 fire class EN 13501-1.
● Ideal for high rise buildings and big modulations.
● It can be installed with invisible hanging solutions such as cassettes.
● Solid aluminium without adhesive joints.
● Metallic finishes: PURE METAL COLLECTION.

FOR FLASHINGS OF ANY ARCHITECTURAL SOLUTION
● Coating folding guarantees for all types of flashings:
  (rain gutters, lintels, jambs, perimeter frames, fences...)
● Same finish as painted extrusion profiles.
● Branded PVC plastic film.
  (protects the material during machining and installation).
● Full use of the aluminium sheet.
  (no holes or hanging marks).
● Up to 6 meters of length

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Powder characteristics</th>
<th>High Quality Polyester for external use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coating thickness (ISO 2360 / ECCA T1)</td>
<td>Average 70μ</td>
</tr>
<tr>
<td>Adherence (ISO 2409 / ECCA T6)</td>
<td>GT0</td>
</tr>
<tr>
<td>Buccholz indentation (ISO 2815 / ECCA T12)</td>
<td>90</td>
</tr>
<tr>
<td>Cupping test (ISO 1520)</td>
<td>6 mm - 12 mm (*)</td>
</tr>
<tr>
<td>Bending test (ECCA T7)</td>
<td>Bending radius=0T (*)</td>
</tr>
<tr>
<td>Impact test “without cracking” (ECCA T5)</td>
<td>10 Nm</td>
</tr>
<tr>
<td>Corrosion resistance (ISO 9277 / Acetic salt spray test)</td>
<td>1000 hours without corrosion (***)</td>
</tr>
<tr>
<td>Quality certificate</td>
<td>Qualicoil® (with each order)</td>
</tr>
<tr>
<td>Warranty</td>
<td>Up to 10 years (depending on alloy, colour and location of the building)</td>
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</tbody>
</table>

* Depending on alloy / temper / metal thickness and chosen colour. It is recommended to previously approve the aluminium in our facilities in order to guarantee the good behavior against corrosion.
** Depending on alloy / metal lamination.
APPLICATION SECTORS:
- Architecture and decoration
- Corporate identity.
- Industrial and commercial cooler equipment.
- Partition walls in ship interiors.
- Chimneys.
- Seaport and airport passenger boarding bridges.
- Bridges.
- Bus and trains interiors.
- Machinery fairing.
- Tunnel claddings.
1. Ariston Headquarters, Italy
2. Viore Rueda winery, Spain
3. Campus RDI Michelin, France
4. Escuela infantil, Spain
5. Philharmonic of Paris, France
6. Suagudos Eibar Hospital, Spain
termolac®
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