Technical Information

Roadline MMA White

This paint complies with the European Standard EN 1871 and the Spanish Standard UNE 135200-2.

This paint allows to construct road marking systems which comply with the requirements of the European Standard EN 1436.

(1: The paint and, if necessary, the drop-on glass beads and the anti-skid aggregate, according to the requested type and class of road marking).

REQUIREMENTS

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TESTING METHOD</th>
<th>SPECIFICATION</th>
<th>CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. No-pick-up drying time</td>
<td>UNE 135202</td>
<td>t ≤ 30 minutes</td>
<td>t ≤ 30 minutes</td>
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<tr>
<td>2. Colour (chromaticity co-ordinates)</td>
<td>UNE 48073-2</td>
<td>Co-ordinates x, y within the region defined in UNE 135200-2 for the white colour</td>
<td>X, y within the region defined for white colour</td>
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<td>3. Luminance Factor</td>
<td>UNE 48073-2</td>
<td>ß ≥ 0,80</td>
<td>LF6 ß = 0,84</td>
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<tr>
<td>4. Accelerated Ultraviolet Ageing</td>
<td>UNE-EN 1871 (UV-B)</td>
<td>Variation in ß ≤ 0,05 x, y within the region for its colour without superficial anomalies, or defects</td>
<td>UV1</td>
</tr>
<tr>
<td>5. Alkali Resistance (in case of direct application upon concrete)</td>
<td>UNE-EN 1871</td>
<td>Without deterioration of the surface</td>
<td>Without deterioration of surface</td>
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The specifications and the declared values for the dried or drying film refer to the system obtained from the mixture of Roadline MMA White and Curing Agent F-903-A in ratio of 1,7% w/w.

This technical information does not represent guarantee of the performance of the product once applied.

It is the responsibility of the user to confirm the suitability of this information for its particular purpose, as well as to test if the product is appropriate for its own use and process. The skid resistance is an own characteristic of the applied road marking, according to the norm EN 1436 and therefore, it’s not possible to specify it for the road marking material itself.
Nevertheless, this paint, properly applied, is indicated to achieve the best performance regarding skid resistance.

SCOPE OF USE
• Asphalt or bitumen and concrete pavements.
  □ Protect the road markings from the action of Anti-skid marking of urban and interurban traffic until drying in the inside of paint.

  □ WARNING: The roughness and anti-skid □ Relining upon alkyd and acrylic paints. New performance vary with the applied dosage and concrete pavements with precautions. the film thickness.
• Long-lasting road marking, for its fast hardening and its high durability.

RETROREFLECTIVITY
• Retroreflective road marking by dropping glass beads onto the paint film immediately after application.
• Use the suitable size gradation and type of glass beads, depending on the requirements of the road marking.

APPLICATION
• Manual spreading, by means of a trowel, a spatula or a screed-box.
• Application in cold, after mixing the two components: homogenize the paint, add the curing agent and stir thoroughly.
• Use within the next fifteen minutes after making the mixture of the two components.
• DO NOT ever dilute the product with any kind of solvent or thinner.
• DO NOT use the product if it has been heated by sun exposure.
• We recommend the use of Roadline Primer when applying to concrete surfaces.

DOSAGE
• Ratio of the two components: one pail of 15kg of paint and one bag of 250g of curing agent (F-903-A).
• Use the amount of paint and glass beads required in the contract or specifications sheet.
• The actual consumption of material for the desired film thickness depends on the nature and roughness of pavement.
• An adequate film thickness is obtained by a dosage between 2500 and 3000 g/m² of paint.

CONDITIONS
• Dry and clean pavements, whose temperature is neither below 5°C nor above 40°C
• Ambient temperature exceeding dew point at least 5°C. Wind speed below 25 km/h.
• Material perfectly homogenized: stir thoroughly the paint in the pail thoroughly before using.

PRECAUTIONS
• In case of relining, ensure good adhesion on the pavement of the pre-existing road marking.
• In case of application upon new concrete pavements, remove the possible remainder of the curing agents, because they can damage the adhesion of the road marking on the pavement.

PRESERVATION
• Use the paint within nine months from its manufacturing date.
• Protect from storage in the open, with extreme change of temperature. Shelter from solar heat and sunlight during storage, transport and use.

SHIPMENT
• Packaging’s properly approved and labelled for transport.
• Customs harmonized system: TARIC code 3208.20.90
 □ Dangerous goods for transport
  Land Trans: UN 1263 PAINT, 3, III (D/E)
Sea Trans: N° UNO 1263 PAINT, 3, III (flash point <23°C)
This material constructs the following road marking systems with certificate of durability in accordance with EN 13197 and UNE 135200-3 (method B).

Two Component Roadline MMA White @ 2500 g/m²

**Road Marking:** Type 1  
**Use:** P-NR (permanent / non retroreflective)

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<tbody>
<tr>
<td>P7 / 4 MM Wheel Passages</td>
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<td>---</td>
<td>B5 (≥ 0.60), Q5 (≥ 200)</td>
<td>S1 (≥ 45)</td>
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