

FUEL RESISTANT SYSTEM

DEFINITION:

Granulated multilayer fuel resistant treatment for concrete and asphalt pavements.

APPLICATIONS:

- Airports (runway ends and parking lots).
- Petrol stations.
- Toll highway areas.

ADVANTAGES:

- Approx. thickness: 2 – 3 mm.
- Granulated texture.
- Easy applications.
- Outstanding adhesión to substrates.
- Fuel resistant.
- Outstanding wearing resistance.
- Fire resistant.
- Available in a wide range of colors.

SYSTEM:

- POLIPRIMER: water-based acrylic primer.
- ROADSEAL SYNTHETIC: grout-like mixture consisting of controlled size sand and gravel in a synthetic resin matrix.
- PINTURACRILIC: water-based acrylic paint containing acrylic-styrenated resins.

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STRUCTURE OF THE SYSTEM:

- A priming Poliprimer layer, approx. dosage 0,3 kg/m² (depending on the substrate type).
- A Roadseal Synthetic layer, approx. dosage 1-2 kg/m².
- A Pinturacrílico layer, approx. dosage 0,3 kg/m².
- A Roadseal Synthetic layer, approx. dosage 1-5 kg/m².

INSTRUCTIONS FOR USE:

- Make sure that the substrate is clean, free of dust, humidity, and other substances (oil, lime, etc.). The Surface to be primed must be cohesive.
- When using the system on hydraulic concrete, the surface must be analyzed to prevent adhesion problems due to excessive polishing, meteorization, humidity, etc. Application in the range 10-35°C is recommended. It is not recommended to apply the system under adverse weather conditions.
- Gently homogenize the products in the container before application. Use a rubber scrap or any other appropriate method to apply a uniform layer and let it dry completely before applying a subsequent layer (24 hours approx., depending on environmental temperature and humidity).
- NEVER add water directly to the products. Adding water would induce the loss of cohesion properties.
- Working tools can be cleaned with water while the product is not dry.

PERFORMANCE CHARACTERISTICS:

- Fuel resistance: The system is fuel resistant according to UNE-EN 12697-43 standard.
 - Good resistance towards kerosene (A≤5% and B<1%).
 - Good resistance towards gasoline (A≤5% and B<1%).
- Wearing resistance: The high acrylic resin contain of the system provides it with high outdoor weathering resistance and good resistance in light traffic conditions. Wearing resistance test UNE-EN 12274-5 < 350 (g/m²).
- Fire resistance: Bfl-s1 according to UNE-EN 13501-1:2007 + A1:2010 standard.

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→ Anti-slipping behavior: Class 3 ($R_d > 45$) according to the pendulum test in UNE-ENV 12633:2003 Annex A standard.

