

## FUEL RESISTANT SYSTEM

A solution for fuel resistant pavements

Granulated multilayer fuel resistant treatment for concrete and asphalt pavements.

### ADVANTAGES

- › Approx. Thickness: 2-3 mm.
- › Granulated texture.
- › Easy application.
- › Outstanding adhesion to substrates.
- › Fuel resistant.
- › Outstanding wearing resistance.
- › Fire resistant.
- › Available in a wide range of colors.

### APPLICATIONS

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

### SYSTEM

#### Products:

- › 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.

### STRUCTURE OF THE SYSTEM

- › A priming Poliprimer layer, approx. dosage 0,3 kg/m<sup>2</sup> (depending on the substrate type).
- › A Roadseal Synthetic layer, approx. dosage 1-2 kg/m<sup>2</sup>.
- › A Pinturacrilic layer, approx. dosage 0,3 kg/m<sup>2</sup>.
- › A Roadseal Synthetic layer, approx. dosage 1-5 kg/m<sup>2</sup>.

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## PERFORMANCE CHARACTERISTICS

- Fuel resistance: The system is fuel resistant according to UNE-EN 12697-43 standard.
  - Good resistance towards kerosene ( $A \leq 5\%$  and  $B < 1\%$ ).
  - Good resistance towards gasoline ( $A \leq 5\%$  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  $< 500$  (g/m<sup>2</sup>).
- Fire resistance: Bfl-s1 according to UNE-EN 13501-1:2007 + A1:2010 standard.
- Anti-slipping behavior: Class 3 ( $R_d > 45$ ) according to the pendulum test in UNE-ENV 12633:2003 Annex A standard.

## 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 analyze in order 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.

