

ROADSEAL SYNTHETIC

Colored synthetic mortar for paving

DESCRIPTION:

Slurry containing controlled aggregates size and synthetic resins.

PROPERTIES:

- Available in a wide variety of colours.
- Homogeneous appearance.
- Easy to handle.
- Easy to apply at room temperature.
- Good adhesion to substrates.
- Resistant to fuels and oils (See technical data).
- Good resistance to slipping (See technical data).
- Wearing resistant.
- Pseudo screeding slurry consistency.

APPLICATIONS:

- Sports grounds and recreational areas.
- Cycling lanes, walkways and pavements.
- "Ecological" routes (tourist paths, pilgrims' paths...).
- Sealing hard shoulders, central reservations and traffic islands with asphalt aggregate.
- Paving in industrial premises used by light traffic.
- Paving in garages and car parks.

INSTRUCTIONS FOR USE:

Roadseal Synthetic should be applied on clean surfaces. Presence of dust, oil, lime or any other pollutant may reduce adherence and detriment Roadseal Synthetic's properties. For an optimum performance of the product follow the next steps:

- Preferably use as primer a 50% solution of Pinturacrílico paint, 20% Imprimul solution or 20% Emulbi solution in water. Let the primer dry for 24 hours. If the substrate is a hot bituminous mixture, priming is not required.
- Mix the product vigorously in the container before applying it. For optimal mixing, take the bag out of the drum and knead it lightly before opening it.
- Apply a thin film using a rubber rake or any other suitable instrument. Let the first layer dry completely before applying the next one (about 24 hours depending on the environmental humidity and ambient temperature).
- NEVER add water directly to Roadseal. It will cause adhesion loss.

COVERAGE RATES:

The coverage rates are determined by the type of application. In the first coat, the coverage rate of Roadseal Synthetic could vary according to the texture of the support. It should be kept at between 0.7 and 1 kg/m² for surfaces which are not very rough and between 1 and 2 kg/m² for open or porous surfaces. It could range between 0.7 and 1.2kg/m² in later coats.

SPECIFICATIONS:

Characteristics	Unit	Standard	Min.	Max.
Brookfield viscosity (200 rpm, 25°C)	mPa·s	NIE-008	--	40000
Maximum size of the aggregate	mm.	UNE 933-1	--	1
Resistance to abrasion when damp	g/m ²	UNE EN 12274-5	--	500
Relative density at 25°C	%	UNE 104281-3.5	1,4	1,6
Non-volatile material	%	UNE 104281-3.7	80	--

STORAGE:

- The containers should be protected from both frost and overexposure to the sun.
- Storage temperatures should not be below 5°C since it could affect the quality of the product.
- The maximum recommended storage time is 9 months from the manufacturing date. The product should be kept in it's the original undamaged container and tightly closed.

OTHER RECOMMENDATIONS:

- The product should be applied at temperatures between 10°C-35°C, avoiding unstable weather conditions.
- For Roadseal application indoors, the place should be well ventilated to favor correct curing.
- When used on hydraulic concrete, the substrate must be previously analyzed to avoid adhesion problems due to excessive polishing, meteorization, humidity, etc.
- In case the concrete surface is excessively polished, the surface should be grit bladed prior to application of Roadseal.
- Thickness above 2mm are not recommended since they might induce defective curing of the coating.
- For increasing pavement protection and/or reducing rugosity, the surface can be coated with a layer of Pinturacrílico: (300 g/m²). This layer must dry at least 12h.
- For cleaning tools and equipment, water can be used before the product dries. After that, they can be cleaned with any industrial solvent.

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