

ROADSEAL ASPHALT

DEFINITION:

Slurry containing controlled size aggregates and a high stability bituminous emulsion.

SPECIFICATIONS:

Characteristics	Unit	Standard	Min.	Max.
Brookfield viscosity (25°C)	mPa·s	NIE-008	30000	-
Maximum size of the aggregate	mm.	EN 933-1	-	1
Resistance to abrasion when damp	g/m ²	EN 12274-5	-	2000
Relative density at 25°C	%	104281-3.5	1,5	1,7
Non-volatile material	%	104281-3.7	75	85

APPLICATIONS:

- Sealing hard shoulders, central reservations, and traffic islands.
- Topcoat for bituminous and hydraulic surfaces.

ADVANTAGES:

- Homogeneous appearance.
- Easy to handle.
- Easy to apply.
- Good adhesion to substrates.
- Pseudo screeding slurry consistency.

INSTRUCTIONS FOR USE:

- Roadseal Asphalt should be applied on clean surfaces. Presence of dust, oil, lime, or any other pollutant may reduce adherence and detriment Roadseal Asphalt's properties. For an optimum performance of the product follow the next steps:
- Preferably use as primer Poliprimer or Imprimul. 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 Asphalt. It will cause adhesion loss.

RECOMMENDED DOSAGE:

- The coverage rates are determined by the type of application. In the first coat, the coverage rate of Roadseal Asphalt could vary according to the texture of the support. It should be kept at between 1.5 and 2 kg/m² for surfaces which are not very rough and between 2 and 3 kg/m² for open or porous surfaces. It could range between 1.5 and 2 kg/m² in later coats.

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.
- If the substrate is hot, cool it down by spraying water gently.
- Thickness above 2mm is not recommended since they might induce defective curing of the coating.
- For increasing pavement protection, the surface can be coated with two layers of Pinturacrílico: the first one should be 300 g/m² of 50% diluted Pinturacrílico and the second one neat Pinturacrílico. Each 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.