

ROADSEAL FIBRE

Bituminous mortar for bridge decks waterproofing

DESCRIPTION:

Thick mixture containing mineral aggregates with controlled granulometry, a stable bituminous emulsion of the EAL-2 type and synthetic fibres.

PROPERTIES:

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

APPLICATIONS:

- Waterproofing bridge deck.
- Protecting concrete flooring.
- Protecting asphalt pavement designed for light traffic.

INSTRUCTIONS FOR USE:

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

- Preferably use as primer a solutions of Imprimul or Emulbit 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 Asphalt. It will cause adhesion loss.

COVERAGE RATES:

Roadseal Fibre is generally applied in just one coat and the coverage rate can vary according to the texture of the support. Normally the coverage rates are of 2 kg/m² by coat.

If it is applied in two coats, the first coat must be totally dry before the second coat is applied (about 24 hours, depending on the temperature and the humidity in the air).

SPECIFICATIONS:

| Characteristics | Unit | Standard | Min. | Max. |
|-----------------------------|-------|----------------|---------------|------|
| Brookfield viscosity (25°C) | mPa·s | NIE-008 | 35000 | -- |
| Size of the aggregate | mm. | UNE 933-1 | -- | 1 |
| Relative density at 25°C | % | UNE 104281-3.5 | 1,4 | 1,8 |
| Non-volatile material | % | UNE 104281-3.7 | 80 | -- |
| Emulsion content | % | | 18 | -- |
| Synthetic fibre content | % | | 0,5 | -- |
| Permeability | | NLT-327 | Non-permeable | |

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.
- If the substrate is hot, cool it down by spraying water gently.
- 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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