ROMIX PRS

Polymer Road Seal for Wearing Courses

Product data sheet & Method Statement

COMPOSITION

Romix PRS is a water-based polymer solution specifically developed as an admixture for the sealing of base layers stabilized with **Romix SoilFix SRB-5.**

Romix PRS is mixed with water and brushed / sprayed over the surface of **SoilFix SRB-5** stabilized base layers. **Romix PRS** is black in colour and gives the appearance of a Black Top road.

Romix PRS acts as a “black floor polish” on the road surface and has excellent waterproofing capabilities, sheer strength and flexibility. **Romix PRS** effectively fills the microscopic voids on the stabilized surface. **Romix PRS** has excellent traction capabilities

Romix PRS is maintainable in six-month cycles, each time reducing the amount of **Romix PRS** application by 20% from the previous application.

FEATURES AND ADVANTAGES

- Water based – will not contaminate bowsers and tanks.
- Environmentally friendly – will not leach into the environment once applied.
- Deeper penetration than standard “spray on” Polymer applications.
- Increased sheer resistance.
- Excellent traction through skid resistance
- Waterproof - Protects the base layer from water ingress and subsequent softening of the base layer.
- Prevents gravel loss of the stabilized base layer though abrasion.
- No specialized heavy equipment required – Water Bowser and Multi-Tired Pneumatic roller only.
- Black Top Look – Ideal for low volume rural roads.
- Completely prevents dust pollution – helps improve the health and living conditions of inhabitants near roads.

PREPARATION

- Once the base layer stabilization with **Romix SoilFix SRB-5** is completed, load one part **Romix PRS** into a water bowser together with three parts water.

- Spray one pass of clean water over the stabilized area (Do not over-water)
- Spray the PRS/Water mixture over the wetted stabilized layer. It is preferable to drag a hessian rag behind the water bowser while spraying the mixture. This helps to spread the product evenly and prevents the mixture from running off the surface.
- Allow the first coat to penetrate the stabilized layer, then repeat the process 1 more time.
- Whilst the last application is still wet, use a Multi-Tired Pneumatic roller to "slush" the product into the layer. The rubber wheel action will force **Romix PRS** hydraulically into the stabilized base.
- Continue rolling until the product dries out and a "polished" appearance is achieved.
- For a second coat, load 1 part **Romix PRS** with 2 parts water and repeat the process.
- Open the road to traffic immediately, as increased rubber wheel traffic will further aid the penetration of the product.
- If any damage occurs, PRS and water can be mixed in small quantities and applied by hand onto affected areas.

Applying **Romix PRS** as a "Sand Seal"

- Follow the same mixing procedure as described above.
- Load a chip / san spreader with single particle size sand (such as plaster sand).
- When spraying commences, spread an even layer of sand onto the wet product
- Use a Multi Tired Pneumatic roller to roll the sand into the product.
- Once dry, apply the second sand seal coat as described above.

MIX YIELD

250ml of **Romix PRS** together with 750ml water will yield 1 m^2 per liter of mixture. After six months, the process can be repeated, if any wear is observed, this time using 20% less **Romix PRS** and 20% more water (180ml **PRS** and 820ml water). Each subsequent application will require 20% less product than the previous application.

TECHNICAL DATA

APPEARANCE	DARK BROWN LIQUID
SPECIFIC GRAVITY	1.02
Ph	8.4
FLASH POINT	NIL
PHYSICAL FORM	LIQUID
PACKAGING	200 Lit, 1,000 Lit Minibulk, Bulk Tanker

Manufactured in South Africa by ROMIX Industries (Pty) Ltd. All recommendations are based on laboratory tests and in-field use experience, and are, to the best of our knowledge, accurate. Since conditions of actual use are beyond our control, all recommendations are made without warranty, expressed or implied.

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