
PRODUCT DATA SHEET

Asphalt Renew

Description:

Biosymph's Asphalt Renew is designed to meet the needs of the future. Our state-of-the-art Asphalt Renew is performance-oriented and environmentally compliant.

Asphalt Renew has been formulated to restore toughness, cohesion and depth of colour on asphalt, concrete and cement surfaces. This product is compatible with bitumen and will chemically bond with the original asphalt. This is unlike typical paints which merely form a skin over the surface, causing flaking and delamination. Asphalt Renew is a bitumen/alkyd co-polymer with additional pigmentation which has a wide range of uses, including application on driveways, tarmac parking lots, paving blocks, retaining walls, etc.

Asphalt Renew should be thoroughly mixed before application.

It is not recommended that any solvents or additives be added to this product.

Benefits:

- Fills hair cracks and recolours asphalt, concrete and cement surfaces to provide hard-wearing and durable coverage
- Provides a degree of water repellence to the surface (particularly beneficial when used on concrete retaining walls)
- Kills moss and lichen when applied and retards future growth
- Can be applied straight over oil stains
- Compatible with bitumen, chemically bonding with the original asphalt to eliminate flaking or delamination of the substrate

Physical Properties:

Polymer Base	Alkyd / Bitumen
System	1-Pack
Application Substrate	Asphalt, concrete, cement surfaces
Recommendation	Use over clean and dirt free surfaces
Appearance	Black Liquid
Touch Dry	1.5 Hours
Application Method	Brush / Roller
Mechanical Resistance	Good
Chemical Resistance	Good
Lift Resistance	Excellent
Adhesion	Excellent
UV-Stability	Good
Greying	10%
Drying Time	24 Hours
Life Span	+ 3 Years
Coverage	1.5m ² /ltr

Number of Coats	1
Clean-Up / Dilution	Hexane Blend Thinner
Shelf Life	2 Years
Viscosity ASTM D 1200	18-22 sec #3 Zahn Cup
Volume Solids	41-45%

Surface Preparation:

The surface is to be properly cleaned and dried before application. It is recommended to do all major repairs to the surface before coating with Asphalt Renew. This may include filling large potholes or cracks with a suitable product, such as Fulton Hogan's EZ Street. Minor oil stains, however, do not need to be removed as the product is directly applicable over these areas.

Application:

This coating is easy to use due to its low viscosity, and can be applied with a brush or roller. A soft painting broom may also be used (available from our website). As using a soft broom may cause splatters against walls and other objects, it is recommended to do the trimmings with a brush or roller first and then fill in the bulk of the area with a soft broom.

1 Litre will cover approximately 1.5 m² depending on the condition of the surface to be coated. Only one coat is typically required, dependent on the surface. This product becomes touch-dry and will not wash out under light rain after approximately 1.5 hrs. It can be driven over after 24 hrs. 20 Litres will cover approximately 30-40 m². A re-coat is recommended after 3-4 years, as the surface will eventually grey again. It is recommended to apply this product during cool periods of the day – early morning or late afternoon. This is because hot substrates can cause blistering as vehicle solvents evaporate too fast.

It is recommended to use disposable gloves and safety glasses during application. This product is ideally suited for outdoor use. If used indoors, however, ensure the product is applied in a well-ventilated area.

Clean up:

Clean hands with plenty of soap and water, or olive oil, to remove any Asphalt Renew. Equipment can be cleaned with mineral turpentine or kerosene.

Safety:

This product contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage and use. Please refer to this product's MSDS for complete safety information (available on our website).

Limitations:

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use. Our liability (including liability for breach of warranty, strict liability in tort, negligence or otherwise) is limited exclusively to replacement of the product or refund of its price. Under no circumstance are we liable for incidental and consequential damages.

For more information or if you have any questions regarding special applications and require further advice, please do not hesitate to give us a call.

biosymph TM Paints and Products		
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 Timber Stain & Preserver	 100% NZ <small>KEEPING IT REAL</small>	 Gilsolite Roof Sealer & Paint