

PRODUCT DATA SHEET

GilsoFlex™ Roof Sealer and Paint

Description:

Biosymph's GilsoFlex™ roof sealer and paint has been designed to meet the needs of the future.

GilsoFlex™ is a New Zealand manufactured bituminous emulsion / polymer product. It is an oily, water-soluble, black to very dark brown mixture made from bitumen and petroleum components. Because of its disinfecting effect, it will retard the growth of moss or lichen.

Substrate surface preparation requirements are minimal as GilsoFlex™ can be painted straight over minor surface rust.

Benefits:

- Non-corrosive to metals
- Where exposed to UV light and harsh climatic conditions a re-coating is typically necessary after 6 to 8 years.

Physical Properties:

Physical State:	black to dark brown liquid
Odour:	petroleum bitumen odour
pH:	not applicable
Solubility:	soluble in organic solvents (Mineral Turpentine)
Relative Vapour Density (air=1):	not available
Boiling point:	initial 100°C
Ignition Point:	not available
Flash Point:	not applicable
Specific Gravity:	less than 1.2
Vapour Pressure:	2.13 kPa
% Volatiles:	10%
Evaporation Rate:	not available
Viscosity:	ASTM D 1200cps 18-22 sec #3 Zahn Cup
Dry Schedule film:	21 °C /40 minutes
Toxicity:	Not determined
Material VOC:	ASTM D-3960 406 g/l
QUV:	No gloss loss @ 300 hrs.
Clean-up:	Mineral Turpentine
Shelf Life:	1 year
Theoretical Coverage Rate:	3.0 sq metres per litre at 40 microns DFT
Application:	Spray, brush or roller
Dry Times:	Tack Free 24hrs
Recoat:	48hrs

Other Information:

- Packaging:** Available in 4 litre, 10 litre and 20 litre tins and 200ltr drums
- Top Coat:** Although this product is bitumen based, it does require a top coat, and it will accept acrylic paint on top once properly cured, or if a colour change is required. We do however recommend our ClimoPlate oil based top coat.
- Colour:** When applied it will be a high gloss Black although after setting (approx. 3-4 weeks) it will turn to a slight mat black final finish.
- Applying:** The sealer/paint should be thoroughly stirred for at least 5 mins before application.
- Application:** Brush, Roller, Spray (we supply a suitable spray thinner if required)
- Coverage:** Depends upon surface:
– Tile roofs typically 3 - 6 m²/litre.
– Corrugated metal roofs typically 4 - 8 m²/litre.
- No of Coats:** Generally only one coat required, a second coat can be applied dependent on the condition of the roof.
- Recoat Time:** As soon as previous coat is touch dry (approximately 4 hours), an additional coat can be applied if required.
- Drying Time:** Generally allow 24 hours, depending on surface and ambient conditions for the sealer/paint to be touch dry. The sealer/paint will be fully set in a few weeks and the colour will change from a gloss black to a mat charcoal colour.
- Thinners:** Not recommended, however for spraying please see our website for a suitable thinner.
- Clean Up:** Clean equipment using recommended thinner, kerosine or mineral turpentine
- Durability:** Where exposed to UV light a recoat is required after 6 summers. In harsh climatic areas a recoat might be required sooner.
- Other:**
- Contains volatile solvent, keep away from heat and open flame.
 - Keep out of reach of children.
 - Keep closed when not in use, avoid breathing vapour - ensure good air flow when applying.
 - Stir very regularly during application to ensure consistency of product.
 - Do not apply if surface temperature is below 5°C or above 50°C

Surface Preparation and Application:

GilsoFlex™ is suitable to use on any cement tile and corrugated steel roofs, Decramastic roofs, Bitumen roofs, steel structures, timber, concrete brick and block work etc.

For best results, this paint should be stirred prior and during use and applied to a dry, dust free and not contaminated surface (Remove Contamination, moss, mould and any old, loose and flaky paint and rust before coating). It should not be thinned or diluted with water or thinning agents.

Clean up:

As a water- and oil-based product, it can be cleaned with soap and water or mineral turpentine.

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.

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Paints and Products

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Timber Stain & Preserver



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KEEPING IT REAL



Gilsonite Roof Sealer & Paint