

## PRODUCT DATA SHEET

### StainDex™ Deck & Fence Stain and Preserver

#### **Description:**

Biosymph's StainDex™ has been designed to meet the needs of the future. This state of the art Deck and Fence Stain and Preserver is performance oriented and environmentally compliant.

StainDex™ is a co-polymer, bitumen-based, linseed oil stain and preserver. The chemistry used in this coating maximizes performance with reduced VOC content and excellent colour fast and UV stability. This product is non-toxic and can safely be used in applications where it comes into contact with drinkable water, animals and children.

StainDex™ has a special water/oil emulsion package that aids application, but has quicker drying times than other similar coatings. Agitation during application is recommended to ensure the best finish.

This stain should be thoroughly mixed before application. Agitation during use may be required, as with all stains and coatings.

*It is not recommended that any solvents, water or additives be added to this product. It can, however, be thinned with mineral turpentine to a maximum of 5% if required.*

#### **Benefits:**

- Excellent film integrity and colour to (60 °C)
- The fully dried stain allows for cleaning with typical household cleaners, without affecting the finish
- Lower VOC emissions
- UV Stable

#### **Physical Properties:**

Colour:	Available in a wide range of colours – please enquire
Flash Point:	None
Viscosity:	ASTM D 1200cps 18-22 sec #3 Zahn Cup
Dry Schedule film:	21 °C /40 minutes
Specific Gravity:	1.12 g/cm <sup>3</sup>
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:	6.2 sq metres per litre at 40 microns DFT
Application:	Spray, brush or roller
Dry Times:	Tack Free 4hrs
Recoat:	Overnight

### Surface Preparation:

Timber surfaces should be free from dirt, grease, moss, lichen and should be dry before applying StainDex<sup>TM</sup> stain. Biosymph Ltd recommends a high pressure water wash before application.

### Application:

StainDex<sup>TM</sup> stain and preserver is easy to use and can be applied using conventional air-assisted spraying equipment, airless spray equipment, brush or roller.

StainDex<sup>TM</sup> stain and preserver is a versatile timber stain that can be used in a wide range of applications, including:

- **Decks:** Available in a wide range of colours, please enquire.
- **Post and Rail Fences:** A great alternative to the standard black fence.
- **Timber Retainer walls:** Preserve the timber and stop water penetration and rotting.
- **Plywood:** Suitable to use on plywood to stain to a more appealing colour.
- **Other Timber structures**

### Clean up:

Clean hands with plenty of soap and water to remove any StainDex<sup>TM</sup>. It is recommended to use disposable gloves during application.

### 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<sup>TM</sup>  
Paints and Products

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Timber Stain & Preserver



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