

DURO PREP ANTIFUNGAL CONCENTRATE

Antifungal and Algal Wash

Duro Prep Antifungal Concentrate is a highly concentrated low toxicity bacterial, fungal and algal pretreatment. Prior to coating or painting, use diluted **Duro Prep Antifungal Concentrate** to treat surfaces that are contaminated by fungi, algae and bacteria, e.g. asbestos cement roofing and building facades, particularly those in shade or south facing. It may be applied to already painted surfaces, masonry, fibrous and cement, brick, wood and plaster.

Duro Prep Antifungal Concentrate is typically used as a surface pretreatment under Duro Mastic™AC and SR exterior membrane coatings, and **Duro Mastic™ M17** asbestos cement sealer, as well as other Durotech water and solvent based membrane products. **Duro Prep Antifungal Concentrate** must not be added to paints, sealers or coatings.

Duro Prep Antifungal Concentrate is formulated to achieve a quick and efficient surface eradication of fungus spores and algal. Fungal and algal spoilage on a surface must be completely destroyed prior to applying a coating otherwise growth will continue under and eventually within the coating and there will be adhesion problems. This will happen even though most exterior coatings contain anti-fungicides and algaecides. Post adding common anti-fungicidal paint additives to a paint or coating only prevents some growth but does not kill off the fungi on the surface to be coated.

Wash

PACKAGING

- 20Ltrs
- 4Ltrs

GENERAL

Appearance	Clear liquid
Flammability	Non flammable
Coverage	Approximately 5 sq.metres/litre of wash (diluted concentrate) 4 litres of concentrate= 80 litres Wash=400sq.metres 20litres of concentrate = 400 litres Wash=2000sq.metres
Dry Time	Minimum 24 hours
Cleanup	Water
Storage	2 years in unopened containers stored at 20°C

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APPLICATION

- Where there is heavy contamination, remove any patches or clumps of moss/lichen, or heavy algal growths by first spot spraying these areas with bleach. While damp remove the contamination by scraping or water blasting. Remove all loose residues and repeat the procedure if required.

NOTE: do not water-blast or abrade asbestos cement surfaces

- Make a 5% solution of **Duro Prep Antifungal Wash** by diluting the Concentrate as follows:
 - 1 litre to 19 litres water = 20 litres of **Wash**
 - 4 litres to 76 litres water = 80 litres of **Wash**
 - 20 litres to 380 litres water = 400 litres of **Wash**
- Apply the **Duro Prep Antifungal Wash** prepared above by brush, mop or spray to the entire area to be painted and not just to the areas of visible growth. Fungal spores are almost invisible and may be concealed, so to ensure a complete kill the **Wash** should stay on the surface for a **minimum of 24 hours**
- After that time remove resultant debris by wet brushing, hosing or low pressure cleaning. When dry the surfaces are ready for coating.

NOTE: do not water-blast or abrade asbestos cement surfaces

- For environments or surfaces that are particularly prone to fungal and algal attack, additional level of protection can be had by diluting the **Wash** again with an equal quantity of water, applying it to the cleaned surface and leaving this to dry. No rinse is done in this case. No 24 hour wait is required and coatings are applied over the top as soon as the wash is dry.

PRECAUTIONS

Hazardous product. Avoid dust producing abrasion. Avoid breathing mists and vapour. If spraying, ensure all protective measures are taken. Refer to Durotech MSDS prior to use.

The information provided in this technical bulletin is as correct in detail as possible and is intended to give a fair description of the product and its capabilities. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. The product is guaranteed providing that it is applied in accordance with the manufacturer's instructions as stated in this data sheet and any relevant Standard or Code and provided that the building and installation is structurally sound. Durotech terms and conditions of sale apply.

Durotech Industries 14 Essex Street, P.O Box 5092, Minto, NSW 2566
Telephone: +61 2 9603 1177 Fax: +61 2 9603 3796 Technical 1300 791 177
Email: sales@durotechindustries.com.au Web: www.durotechindustries.com.au