

TECHNICAL DATA SHEET

DUROPROOF™ BL

Waterproofing / Protective Coating

DUROPROOF™ BL is a solvent based, mineral reinforced bituminous compound formulated to provide a heavy duty waterproof / protective coating for use on exposed surfaces above and below ground. It is liquid applied and cures to tough, flexible lining that has an excellent resistance to water, chemical and weathering.

DUROPROOF™ BL has been developed through long research and proven over many years to be a highly successful weatherproof coating for the repair and / or protection of steel roofing and concrete and metal structure in aggressive atmospheric conditions.

PRINCIPAL CHARACTERISTICS:

- Easy to apply by brush, roller or spray
- Fast drying, early water resistance
- Excellent chemical and water resistance
- Single component liquid – application time reduced
- Prolongs roof life
- Sound deadening roof coating-noticeably reduces noise level inside building
- Flexible-will not crack and cause leakage with normal substrate movement
- Excellent adhesion to base substrate without the use of specialised primers
- Seamless-no joins or cracks at which breakdown may occur.

USE AREAS

- New and rusted roofs
- Box gutters
- Water tanks
- Retaining walls
- Planter boxes
- Concrete rendering
- Floors and surfaces subject to chemical attack

PACKAGING:

- 20 Litre

TECHNICAL INFORMATION:

Colour	Black
Weather Resistance	Very good. Surface will chalk slightly with exposure. For improved UV protection, top coat with acrylic or aluminium paint.
Dry Time	Touch dry 30 min @ 25°C
Recoat Time	4-6 hours @ 25°C
Coverage	Metal 0.25-0.125 Litre/m ² [4-8m ² /Ltr] Porous 0.3-0.25 Litre/m ² [3-4m ² /Ltr]
Wet Film Thickness	Metal 1.25 – 2.50mm
Wet Film Thickness	Porous 2.50 – 3.0mm
Solids Content	52% by volume
Shelf Life	12 months in unopened containers stored at 20°C

SURFACE PREPARATION

All surfaces must be sound, clean, thoroughly dry and free of contaminants such as oil, grease, loose material etc.

Concrete and masonry surfaces For maximum adhesion, surfaces laitance should be removed by water or grit blasting, wire brushing or acid etching (4:1 water: hydrochloric acid). If acid etching is used, thoroughly rinse with fresh water and allow to dry before application. Bond strength is increased by priming with **DUROTECH AR SEALER**.

Metal surfaces, roofs etc. Allow new galvanize to weather approximately three months or alternatively apply a degreasing etching solution. If corroded, remove all loose material, rust and scale and apply a gal. primer or **DUROTECH AR SEALER** at an application rate of 4m²/litre to rusted areas.

Timber, particle board etc. Ensure all joints are fully supported and all fixings recessed 1mm. Apply sealant to all joints, corners and over fixings.

APPLICATION

DUROPROOF™ BL can be applied by brush, roller or airless spray. If cracks or holes are present, apply thick coating DUROPROOF™ BL to these areas, then embed into it chopped strand fibreglass mat, and apply a further coat of DUROPROOF™ BL. Using a paint roller or airless spray unit, apply DUROPROOF™ BL to prepared surface, at an application rate of 4m²/Litre. Allow to dry approximately 4-6 hours. Apply DUROPROOF™ BL second coat at an application rate of 4m²/Litre, taking care to ensure that all surfaces are fully covered. Allow to dry approximately 24 hours. For improved UV protection, top coat with Duromatic AC or aluminum paint.

CLEAN UP:

Clean tools and equipment with turps before hardening commences. Remove cured material using turps.

MAINTENANCE:

In gutter and high exposure areas inspect regularly, clean and reapply where necessary.

SAFETY PRECUATIONS

Follow normal coating procedures, wear protective clothing where necessary. Provide adequate ventilation if applied in confined spaces. Avoid contact with skin and avoid breathing vapour. Keep out of reach of children. If swallowed contact a doctor or Poisons Information Centre. Refer to Durotech MSDS prior to use.