



Endura Paint Pty Ltd
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www.phoenixpaints.com.au

FLEXOSEAL

Waterproofing Membrane

Product Information Sheet (PIS)

Product Description

FLEXOSEAL Waterproofing Membrane is a water-based, durable, black flexible membrane comprised of a blend of bitumen and a dispersed liquid rubber compound. Once fully cured, it can resist water penetration even when submerged. **FLEXOSEAL** can be used for sealing retaining walls or subterranean cellars, leaks between concrete platforms or brickwork, repairs of roofs or gutters, fractured tiles, defective flashing, stock troughs and tanks.

- **Can be used on a variety of substrates**
- **Good flexibility**
- **Excellent adhesion to a variety of surfaces**
- **Excellent resistance to water penetration**
- **Can be used in submerged areas**
- **Easy application**
- **Gives off no fumes**
- **Fast development of hardness**

Product Benefits

FLEXOSEAL offers the following additional benefits:

- Quick development of adhesion
- Water clean-up
- Safe for enclosed spaces
- Chip-resistant
- No highly dangerous solvents
- Non-flammable
- Safe for general storage



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Product Characteristics

Specific Gravity	1.08 ± 0.01
Volume Solids	91.6 % ± 1.0%
Colour	Black
Coverage Rates	Apply the first coat at approx. 1m ² /litre and the second coat at approx. 2m ² /litre Two coats strongly recommended
Shelf Life	Maximum 10 years (stored in cool, dry, dark conditions)

Surface Preparation

For all surfaces, remove existing loose or friable material, careful brushing with a broom is usually sufficient. Any oil, grease or wax should be removed by scrubbing with FLOORPREP 100. Do not allow the FLOORPREP 100 to dry out on the surface. After 15-20 minutes, hose the area off with clean water and allow the surface to dry thoroughly.

SURFACES REQUIRING PRIMING:

BARE OR HEAVILY/LIGHTLY RUSTED METALS (ALUMINUM, STEEL, GALVANIZED):

After the general surface preparations have been completed:

- a) For a heavily rusted steel surface, apply one coat of METALFIX RED
- b) For all other metal surfaces, apply 1-2 coats of METALFIX 1000

It is imperative for the METALFIX or METALFIX 1000 to properly cure before over-coating with **FLEXOSEAL**.

NOTE: Consult the Product Information Sheets for the METALFIX and METALFIX 1000 for further application and use information.

Mixing

Stir the **FLEXOSEAL** carefully before use, using either an electric or hand held stirrer. If the paint has been stored for some months an electric stirrer will be required. **FLEXOSEAL** must not be diluted.



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Application

ENTIRE SURFACE APPLICATION

Apply one coat of **FLEXOSEAL** by brush or roller. Allow 4-6 hours before applying the second coat or until no tackiness or film softness is present. Dry time will depend on the prevailing temperature and humidity, during damp or cool conditions leave overnight or longer before recoating.

Note: If the painted area will be in permanent contact with water, the system should be allowed to cure for a minimum of 2 to 3 days at ambient temperatures (not less than 25°C and not more than 65% humidity). A longer period may be necessary during periods of colder weather.

APPLICATION FOR CRACKS, SEAMS OR HOLES:

1. For distinct cracks, seams or holes (e.g. when sealing the joint between a footing and the adjacent wall), apply the first coat of **FLEXOSEAL** at 1m²/litre.
2. While still wet, carefully position a suitable strip of FLEXOCLOTH over the coating. Brush with **FLEXOSEAL** to ensure that full contact is made with the underlying coat, all air bubbles have been removed and all edges have been smoothed out with no wrinkles in the cloth.
3. When fully dry, apply a second coat of **FLEXOSEAL** at 2m²/litre over the entire patch and allow to dry thoroughly. **FLEXOSEAL** will always appear flexible even once cured. This allows the sealant to accommodate any slight movements of structures such as walls and suspended platforms.

IMPORTANT NOTE: It is not recommended to apply **FLEXOSEAL** if the temperature is below 12°C or above 30°C. During extremes of hot weather, apply the coating early in the morning, having cleaned and prepared the surface previously.

WARNING: During cold weather, all Phoenix Paints products must be warmed to 25° to 30°C before the coatings are applied. This can be achieved by immersing the container in hot water and stirring occasionally.

NOTE: If any Phoenix Paints product is being used in conjunction with any other paint or coatings brand, we strongly advise to carry out a test patch first to ensure that no adverse reaction occurs.



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Drying/Curing

	25°C 50% RH
Touch Dry	2-3 hours
To Recoat	4-6 hours
Water Contact (Permanent)	2-3 Days

NOTE: Dry times are subject to ambient conditions (temperature and humidity), good airflow and film build. During damp or cool conditions leave overnight or longer before recoating.

Clean-Up

Wash all brushes and equipment with clean water immediately after use. Do not allow the coating to set hard on any of these items.

Ordering Information

FLEXOSEAL is available in the following package sizes: 1 Litre, 5 Litre and 10 Litre.

Storage

Keep product frost-free and protect from freezing.

DO NOT store any Phoenix Paints products in work vehicles or vans – the temperatures inside may affect the formulations.

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS can be requested by email at admin@endurapaint.com.au or on our website at www.phoenixpaints.com.au.