

▶ Description



TamSeal PB is a high performance ready to use cold applied high build waterproofing membrane based on a polymer modified bitumen emulsion while also utilizing a high amount of recycled rubber.

TamSeal PB forms a seamless, highly elastic and durable film that adheres well to most of the common building substrates. The membrane is also highly resistant to chlorides and sulphates commonly present in soil.

▶ Key Benefits

- Extremely flexible
- Cost effective
- Water based
- Chemical resistant
- Applicable immediately after removal of formwork
- Non-toxic & non-flammable
- High build for vertical applications
- Environment friendly
- Utilizes recycled rubber

▶ Typical Applications

TamSeal PB is suitable for use in commercial, residential and industrial applications.

**Typical applications** include: retaining walls, planters, basements, lift pits, damp proof membrane, curing membrane, podium and balconies, internal area membrane.

▶ Technical Data

TamSeal PB	
Specific gravity	1.04kg/litre
Elongation at break	> 1000%
Recovery at 350% elongation	> 50%
Rubber content	> 10%
Solids	> 65%
Water vapour permeability	> 0.15gr/m <sup>2</sup> /day
Creep resistant	Up to 120°C
Drying time	1 – 3 hours
Full cure	3 – 4 days

All technical data stated herein is based on tests carried out under laboratory conditions.

▶ Application Guidelines

**Surface Preparation** plays a vital role in the success of the final application of any membrane. All surfaces should be sound, clean and free of contaminants. Very absorbent substrates (e.g. block work), and hot substrates should be dampened with water.

**Application** is applied in ideally two coats to achieve the desired final film thickness by brush, roller or spray. Allow the coat to dry through before applying successive coats, normally one to three hours, time will vary depending on weather conditions, substrate, method of application and mostly wet film thickness. Successive coats are to be applied at right angle to the proceeding coat. All weak points (cracks, details, pipe penetrations etc) use TamSeal RF reinforcing fabric between applications of the membrane. Ensure the TamSeal RF is wetted out fully with the membrane during application.

**Coverage** varies widely depending on the intended application.

Waterproof membrane – typically 2 coats at 1ltr/m<sup>2</sup>/coat

Curing membrane – typically 2 coats at 0.4ltr/m<sup>2</sup>/coat

Damp proofing – typically 2 coats at 0.25ltr/m<sup>2</sup>/coat

### Precautions

- Do not apply to areas when rain is imminent
- Roofs and floor surfaces should have adequate falls before coating
- Do not apply to areas where surface temperature is below 10°C or greater than 35°C

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### ▶ Packaging

TamSeal PB is supplied in 20 litre pails.

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### ▶ Storage

TamSeal PB should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.

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### ▶ Health & Safety

TamSeal PB should only be used as directed. We always recommend that the Health & Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from your local TAM International representative.