

Technical Data Sheet

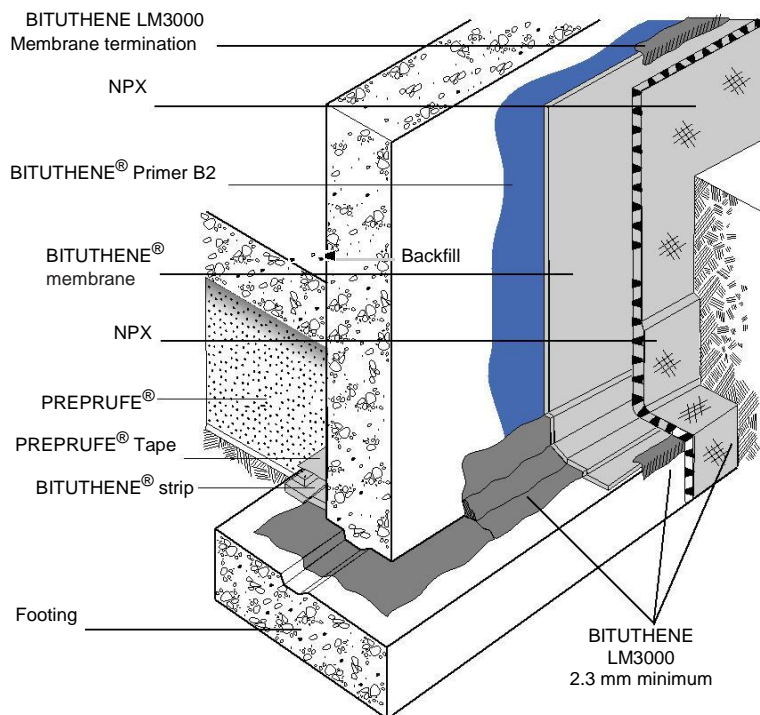
BITUTHENE LM3000



Two component, elastomeric, liquid applied detailing compound for use with GCP waterproofing membranes.

Description

BITUTHENE LM3000 is a two component, elastomeric, cold applied, trowel grade material designed for a variety of uses with the GCP waterproofing systems. The VOC (Volatile Organic Compound) content is 10 g/L. Architectural and industrial maintenance regulations limit the VOC content in products classified as architectural coatings. Refer to Technical Letters for the most current list of allowable limits.



Drawings are for illustration purposes only.
Please refer to www.allnexconstruction.com for specific application details.

Product Advantages

- Liquid applied
- Waterproof
- Tough, rubber-like
- Chemically cured
- Cold applied
- System Compatible

Use

BITUTHENE LM3000 is ideally suited for the following uses:

- Fillet material at inside corners
- Reinforcement material at inside corners
- Flashing material around drains, protrusions, curbs and parapets
- Sealing material at terminations
- Repair material for defects on concrete surfaces
- Flashing material at corners

The two parts of BITUTHENE LM3000 are mixed on site and troweled on to provide a simple and quick waterproofing detailing aid in conjunction with BITUTHENE and PREPRUFE systems.

Compatibility

BITUTHENE LM3000 is completely compatible with BITUTHENE, PREPRUFE and with existing asphalt or coal tar-based waterproofing materials. It is also compatible with cured silicone and polyurethane sealants. It is not compatible with creosote, pentachlorophenol, linseed oil or polysulfide-based sealants.

Supply

BITUTHENE LM3000 PROPERTY	VALUE
Unit size	5.7 L
Net weight per unit	5.6 kg
Units per pallet	100

Physical Properties

PROPERTY	TYPICAL VALUE	TEST METHOD
Part A Colour	Black	
Part B Colour	Clear	
Mixture of Parts A and B Colour	Black	
Solids content	100%	ASTM D1644
Elongation	250% minimum	ASTM D412
Peel strength	5 lbs/in. (880 N/m) minimum	ASTM D903
Flexibility, 180° bend over 1 in. (25 mm) mandrel at -25°F (-32°C)	Unaffected	ASTM D1970

Application Procedures

Safety, Storage and Handling Information

BITUTHENE products must be handled properly. Vapours from solvent based primers and mastic are harmful and flammable. For these products, the best available information on safe handling, storage, personal protection, health and environmental considerations has been gathered. Safety Data Sheets (SDS) are available on the web site and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

Surface Preparation

All surfaces must be dry and free from dirt, grease, oil, dust or other contaminants. BITUTHENE LM3000 may be applied at temperatures of -4°C or above. Store in a dry.

Mixing

Add the entire contents of the Part B container to Part A and mix for 3 to 5 minutes until uniform. Part A is black and Part B is clear. Take care to scrape material from the side and bottom of the containers to ensure thorough mixing. A low speed (150 rpm) mechanical mixer with flat paddle blades is required.

Do not apply any material if streaks can be seen due to insufficient mixing. Once mixed, BITUTHENE LM3000 must be applied by trowel within 1.5 hours. More time is available at lower temperatures.

At high temperatures, thickening and curing will be faster. Material that has thickened must be discarded. The material will cure to a very flexible rubber-like material.

BITUTHENE LM3000 must be applied at a minimum thickness of 2.3 mm unless otherwise noted on details. In fillet applications, the face of the fillet should be a minimum of 20 mm. In corner flashing application details, it should extend 150 mm in each direction from the corner. BITUTHENE LM3000 will adhere to primed or unprimed concrete.

BITUTHENE LM3000 should be allowed to cure at least 24 hours before flood testing.

Coverage

As a fillet material, 3.8 L will cover approximately 30 m. As a flashing material, 3.8 L will cover approximately 1.6 m. As a fillet and reinforcement, 3.8 L will cover approximately 4.3 m.

Cleaning

Clean tools and equipment with mineral spirits before BITUTHENE LM3000 has cured. Mineral spirits is a combustible liquid and should be used only in accordance with the manufacturer's safety recommendations. Do not use solvents to clean hands or skin.

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The allnex logo, with "allnex" in a bold, lowercase sans-serif font. Above the letters "i" and "l" are horizontal bars in red and green respectively.

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