



**Description**

Delta LM 800 is an innovative, robust and flexible liquid membrane suitable for damp proofing, waterproofing and ground gas protection conforming to BS 8102:2022 and BS 8485:2015+A1:2019.

Delta LM 800 performs excellent under high compressive loads and offers maximum protection in just one application.

Delta LM 800 offers a simple and continuous prevention barrier against the ingress of methane, carbon dioxide and radon and moisture into buildings.

Delta LM 800 is an elastic, UV-resistant, single component system supplied in black. This non-hazardous product can be applied direct from its packaging using a roller, brush or airless spray.

**Technical Data**

Delta LM 800			
Characteristic	Test Method	Unit	Delta LM 800
<b>Physical Properties</b>			
Applied Thickness	-	-	>1.0mm
Form Supplied	-	-	Viscous Liquid
Pack Size	-	-	10kg
Colour	-	-	Grey/Black once cured
<b>Physical Properties</b>			
Methane Permeability	ISO EN 15105-1	-	<12mL/m <sup>2</sup> /Day/ATM

**Product Details**

DMS 035

**Specification**

- BS 8485:2015+A1:2019 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings
- BS 8102:2022 Type C Drained Protection
- NBS Specification J30 Liquid Applied Tanking/Damp Proofing



### Features

- Waterproof and damp proof
- Multiple physical properties, including resistance to methane, carbon dioxide and radon
- Complies with BS 8102:2022 Protection of below ground structures against water ingress. Code of practice.
- Resistant to ground water in accordance with BS 8102:2022
- Ideal for complex detailing and difficult to reach areas
- Fully bonded system
- Continuous application - no sealing required at construction joints/laps
- Can be applied to damp surfaces or newly poured concrete
- Quick drying

### Associated Products

- Koster Repair Mortar Plus
- Delta PT 3mm
- Koster Restoration Plaster

### Storage

- Store frost-free
- Store safely and keep out of reach of children
- Always store and transport in a secure upright position
- The product has a minimum shelf life of 12 months
- Keep the container closed when not in use
- Prevent spillage from entering drains and/or surface water

### Safety

The product contains substances that in some cases can cause an allergic reaction on skin contact.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, skin protection:** Wear suitable protective clothing.

**Personal protective equipment, hand protection:** In the event of direct skin contact, wear protective gloves:

**Personal protective equipment, respiratory protection:** In case of insufficient ventilation, wear respiratory protective equipment.

**Inhalation:** Seek fresh air.

**Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

**Skin contact:** Wash skin with soap and water.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**General:** When obtaining medical advice, show the safety data sheet or label

Always follow the instructions provided in the material safety data sheet and take the precaution described there. Wear appropriate Protective Personal Equipment (PPE) when applying and using the material.

Observe all governmental, state, and local safety regulations when processing the material. In case of accident contact with skin or eyes, wash thoroughly with water, and consult medical services.

### Other Information

All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed, or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.

### Fields of Application

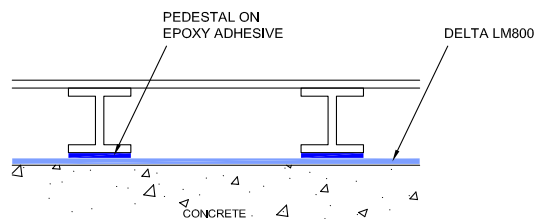
- Delta LM 800 Liquid Membrane is suitable for damp proofing, gas proofing and waterproofing a variety of substrates including concrete, masonry and metal, above and below ground level including retaining walls, cast concrete, precast concrete and steelwork.
- Designed for use in applications where combined damp proofing and gas protection are required.
- Delta LM 800 can be applied by brush, roller or airless sprayer.
- Apply first/ priming layer at rate of 0.5kg/m<sup>2</sup> ensuring that coating is applied evenly over the surface. Allow first coat to fully dry, drying times may vary due to ambient conditions. (Product will change colour from light grey to black when dry).
- Apply second coat at rate of 0.5kg/ m<sup>2</sup>, where there are joints or uneven surfaces a 3rd coat may be required.
- Protect application from frost and rain until application is fully dried and cured.
- Application should only be made when air and surface temperature is 5°C and rising.
- Total application thickness should not exceed 4mm and should be at least 1mm.

### Packaging/Handling

- Supplied in 10kg tins
- Delta LM 800 should be kept in the supplied packaging until such time as it is required for installation.

### Technical Drawings - DDP-566-1

#### RAISED ACCESS FLOOR DETAIL



#### INTERNAL WALL / FLOOR DETAIL

