

Delta Membranes

# Delta PT

Experience the difference with Delta's high-quality damp proofing membranes, meticulously designed to protect your walls and floors from damp and contamination.



**Discover peace of mind today**

Call 01992 523 523 or email [info@deltamembranes.com](mailto:info@deltamembranes.com) for details



## Delta PT

Experience the difference with Delta's high-quality damp proofing membranes, meticulously designed to protect your walls and floors from damp and contamination.

Delta PT and Delta PT 3mm are professionally designed to provide insulation and isolation for damp and contaminated walls, vaults, and basements. Your guaranteed solution.

Imagine a product designed with unparalleled precision – Delta PT and PT 3mm are constructed from top-grade polyethylene and featuring an array of protruding studs, it creates an ongoing air gap behind the waterproof membrane. Why is this important? Because it fosters the ideal environment for the effective bonding of plasters and renders to the membrane's surface, leading to dry, long-lasting finishes. But that's not all Delta PT and PT 3 mm stands strong against both high and low temperatures, while also exhibiting resistance to chemicals like acids, alkalis, oil, and solvents. And here's the clincher - this high-calibre product is even approved for applications involving drinking water, a testament to its superior watertight features.

Choose Delta PT, the epitome of strength, durability, and reliability.





## Fields of Application

Introducing Delta PT, an 8mm studded Type C, Cavity Drainage Membrane uniquely crafted for basement waterproofing in both new and existing structures. It's not just for basements though, Delta PT also excels in above-ground applications, offering a reliable damp-proof barrier and safeguarding plaster finishes from contamination. Constructed from High-Density Polyethylene (HDPE), Delta PT is an 8mm studded membrane, boasting a heat welded polypropylene mesh. When it comes to providing an impermeable damp-proofing base for plaster or shotcrete or serving as a water control and drainage membrane in tunnel construction, Delta PT stands as a leading choice. It's also ideal for the remedial damp-proofing and waterproofing of existing basements internally. Choose Delta PT, for the ultimate barrier solution.

Transform your project with the innovative Delta PT 3mm mesh membrane, specifically designed to tackle challenges of damp and contaminated walls and facilitate quick wall finishes post chemical damp proof injection. The Delta PT 3mm, a high-density Polyethylene (HDPE) low profile studded membrane with a heat welded polypropylene mesh, is your solution to provide a sturdy base for plaster, renders, or dab fix of plaster boards. It is a moisture-resistant shield, creating an effective barrier between old surfaces and new internal finishes. With Delta PT 3mm, you can confidently isolate damp walls and prevent new salts from depositing on surface plasters and decorations. Choose Delta PT 3mm, for a seamless, damage-free transformation of your walls.

### Delta PT 3mm/PT can be used:

- Damp proofing applications
- Waterproofing applications
- Isolating damp walls
- Isolating salt contaminated walls
- Providing a key on deteriorating surfaces
- Flood Resilience (PFR) applications
- Supporting plastering, rendering or a dry lining fixed by plaster dabs (where appropriate)
- As a waterproofing membrane in areas subject to vibration
- An effective barrier to the transmission of salts, liquid water and water vapour
- Resistant to hydrocarbon contamination
- A "reversible" system, which will minimise damage to historical or heritage structures
- Resistant to chemicals, root penetration, rotproof and neutral towards drinking water



## Features

Experience the ease of installing Delta PT and Delta PT 3mm. Designed for vertical installation, optimised to fit seamlessly into any environment. Benefit from the convenience of overlapped joints, made effortless with non-meshed sections available along one edge of each membrane sheet. The stability of the sheet is guaranteed with Delta PT Fixing Plugs, Delta Flexi Dri Plus Plugs or Delta Ultra Fix Plugs (substrate depending), strategically placed at 250 mm vertical and horizontal centres.

When installing the Delta PT and PT 3mm, meticulous attention is crucial to guarantee integrity. Any tears or holes could allow moisture to seep in, undermining its purpose as an effective damp protection. Therefore, to maintain the product's optimal performance and safeguard your environment from dampness, it's imperative to ensure the sheet is flawlessly installed.

Discover the convenience of our transparent Delta PT and PT 3mm membranes, uniquely designed to easily pinpoint the location of fixings, distinguishing between brick or stone from the mortar joints with no hassle. Moreover, consider the added benefit of ventilation gaps, strategically placed at both floor and ceiling levels. These ensure optimised air circulation, creating a more comfortable and healthier environment.

**Invest in the optimal solution for your building needs.**

## Benefits of Delta PT 3mm/PT



BBA Approved



Barrier to moisture, salts and vapour



Isolation of wall finish from damp



Does not require extensive and damaging preparation to wall surfaces



Superb 'key' for renders or plasters



Quick installation times – offering cost savings



Shallow stud profile for where space is at a premium (Delta PT 3mm)



Compatible with a wide range of substrates



Easy to maintain



Minimal on-site disruption



Suitable for Heritage Structures



## Design - Delta PT

Delta PT is your go-to solution for a sturdy, dry lining support, perfect for replastering or rendering on all types of construction.

Worried about damp walls with no hydrostatic pressure?

Delta-PT has got you covered. High salt content or immediate installation needs? No problem, you can trust Delta PT to stand up to the challenge, adhering to BS 6576:2005 (+A1:2012). Our product is also an excellent choice for walls with friable or painted surfaces, or those contaminated with oil, mold/mould, or high salt content.

Need a waterproof support for render on deteriorated brickwork or exposed external walls?

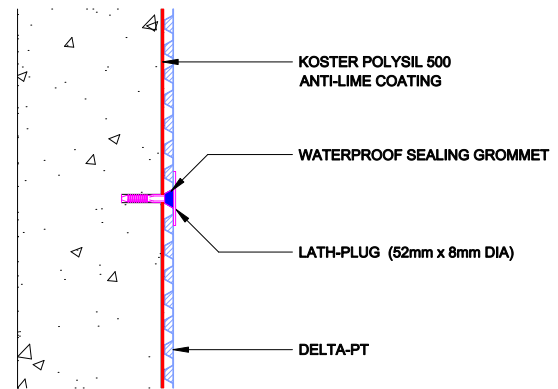
Delta PT is at your service. Moreover, it's a fantastic substitute for Delta MS 500, serving as a superior 'Sealed System' under BBA certificate No. 00/3742. Delta PT is also an excellent choice for damp walls in underground situations, vaulted ceilings, archways, or cellars subject to high groundwater levels, perennial moisture, or dripping water. It's the perfect waterproofing solution for areas prone to vibration, offering Type C (drained protection) in line with BS 8102:2022.

Once installed, replastering is a breeze, and you can apply permanent decoration like vinyl papers or oil paint. Temporary permeable decoration isn't necessary with Delta PT. Plus, it offers a formidable barrier against salt transfer and other contaminants, boasting an impressive resistance to both soft and hard body impacts.

Wall-mounted fittings?

Delta-PT can handle them too, ensuring you can fix items through the membrane to the load-bearing structure behind. It also ensures durability, providing an effective barrier to salts, liquid water, and water vapor for the structure's lifetime.

**Trust Delta PT, your reliable partner in construction.**



## Constant Ventilation for Permanent Dry Finishes

Switch to the influential 8mm stud design of Delta PT, which ingeniously serves dual purposes. It effectively isolates damp wall from new plaster and decorative finishes, offering an unbroken air gap. More importantly, it ensures constant ventilation for the wall, allowing for permanent control of dampness. By using the Delta PT profile or employing the 'air gap' to vent externally via passive air vents, you can achieve superior ventilation. Don't settle for less, protect your walls with Delta PT an innovative solution.

Strategically placed ventilation gaps at the top and bottom of the Delta PT system expertly facilitate air circulation. This thoughtful design ensures optimal performance and longevity of your system. Invest in our well-engineered product, promising efficiency and durability.

Experience the versatility of Delta PT Profile, perfectly designed for use at both the upper and lower edges of the membrane. This unique profile boasts ventilation slots, ensuring optimum ventilation at all times. Not just that, it also doubles as a guide for plaster or render coats, providing an unmatched convenience. Furthermore, expand your options with Delta PT, which can be used as a drained cavity in tandem with the Delta Type C Waterproofing System. Trust in Delta PT Profile, where innovation meets functionality.

### Feature Delta PT

- Features Delta PT
- 8mm studded profile
- BBA Approved
- Drainage capacity 5 l/s m<sup>2</sup>
- Compressive Strength: 70 KN/m<sup>2</sup>
- An effective barrier to the transmission of salts, liquid water and water vapour
- A "reversible" system, which will minimise damage to historical or heritage structures
- Resistant to chemicals, root penetration, rotproof, neutral towards drinking water
- Features Delta PT 3mm
- 3mm studded profile
- BBA Approved
- Drainage capacity 2 l/s m<sup>2</sup>
- Air Volume between studs 2 l/s m<sup>2</sup>
- An effective barrier to the transmission of salts, liquid water and water vapour
- Provides key for plaster, renders or dab fix
- Resistant to chemicals, root penetration, rotproof and neutral towards drinking water

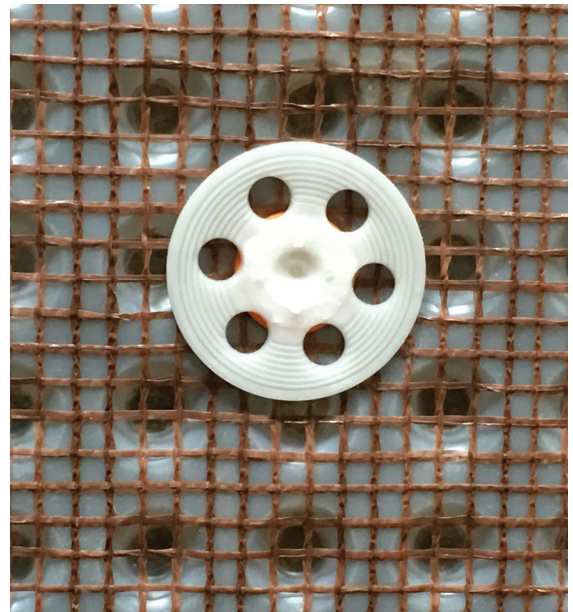




## Experience the efficiency of Delta PT

Experience a wide array of internal finishes with Delta PT. Choose from options such as whitewall one coat plaster (applied in two coats) or dab fixed plaster board. Conventional enthusiasts can opt for the 1:1.6 cement lime sand render, is a perfect choice. For personalised advice, don't hesitate to reach out to our Technical Team. Unlock the potential of your interiors with Delta PT.

Application of plasters and renders is a two-step process. Initially, a first coat (7mm) is trowel applied, ensuring it is pushed into the dimples and covers the mesh. After lightly scratching this layer, it needs to dry before the second 8mm coat is applied. If desired, skim finish plaster can be utilised in a standard manner. In the case of dab fixing plasterboard, adhesive dabs are applied directly over the fixing heads, covering approximately 50% of the surface area. The boards are then supported at the bottom and positioned against the adhesive dabs for effective adherence, securing the plasterboard in place.



**HEAD OFFICE**

Delta House, Merlin Way, North Weald, Epping, Essex, CM16 6HR  
01992 523 523 | [info@deltamembranes.com](mailto:info@deltamembranes.com) | [www.deltamembranes.com](http://www.deltamembranes.com)