



Damp Proofing

Damp Proofing Methods

Different damp-proofing methods exist to meet various requirements. The following methods represent popular choices for damp proofing.

Guniting and Shotcrete

Guniting or shotcreting applies a thick cement mortar layer or fine aggregate combination to waterproof areas such as exposed pipes and cisterns. Due to its high compressive strength this material serves as both a reconditioning and repair solution.

Surface Coating

Thin waterproof substances like concrete mixtures containing water-resistant additives are spread onto surfaces to block moisture entry during rain and damp situations.

Damp-Proof Membrane (DPM)

Under concrete slabs a damp-proof membrane serves as a barrier and is typically constructed from polyethylene sheeting. The damp-proof membrane blocks ground moisture from entering structural elements and is positioned below the damp-proof course (DPC)

Pressure Grouting

Masonry materials receive structural reinforcement through high-pressure injections of sand, water and cement into their cracks and voids. The process increases bearing capacity and repairs structural defects while preventing water seepage through water cut-off formation.

Integral Damp Proofing

The integral damp proofing method stands as one of the most widely implemented techniques because it uses multi-layered masonry construction with mortar layered between materials to create waterproof structures.

Damp-Proof Course (DPC)

Damp-proof courses (DPC) consist of impermeable layers constructed from materials like bituminous felt, metal, slate, mastic asphalt, plastic or specially designed bricks. The damp proof course sits between the brickwork layers inside the mortar at foundation level to stop moisture from entering the building. The DPC installation process begins with laying a fresh mortar bed followed by placing the DPC on top and ensuring no gaps remain before covering it with concrete or other fill materials.

Home & Office Protection

People residing in humid locations need to use damp proofing methods to safeguard their homes and offices from moisture damage which occurs due to rain and conditions like fog and mist as well as water underground. To prevent dampness throughout construction projects it is crucial to evaluate exposed walls along with building location and layout. An expert evaluation will identify the most suitable solution which can minimize future repair costs. Our professional tradesmen provide complimentary inspections to maintain protection for your property.



London Elite Trades limited

T: 020 3172 4720

E: info@londonelitetrades.co.uk

HEAD OFFICE

4th Floor, Silverstream House,

45 Fitzroy Street,

Fitzrovia, London,

W1T 6EB

Londonelitetrades.co.uk and London Elite Trades are trading names of London Elite Trades Ltd, a company registered in England and Wales. Company number: 10994476.