

NEWTONITE

The Once And For All Solution For Damp And Stained Walls

www.newtonite.co.uk Tel: 0800 068 0122

Newtonite's unique qualities eliminate the effects of rising and penetrating damp whilst improving insulation

Newtonite can be used wherever there is a wall which normally would prohibit the use of plaster

Newtonite provides long lasting protection, and is effective for the remaining life of the building

Newtonite is BBA Approved, Certificate Number 94/3010

Newtonite is suitable for use on all listed buildings because it is deemed reversible

THE PROBLEM

Rising and penetrating damp and discolouration caused by oils, salts, acids etc are problems continually encountered in many buildings. Wind driven rain can ingress exposed properties leading to dampness internally. Slight damp penetration will cause discolouration to surface plaster and decorations. This is not acceptable in living or storage accommodation, and a permanent solution must be found.

Chemical injection and sprayed coatings are dependent on substrates able to accept them. In many buildings where cracked or varied materials are commonly found these forms of damp-proofing are just not suitable. Nor will they help where blistering has occurred.

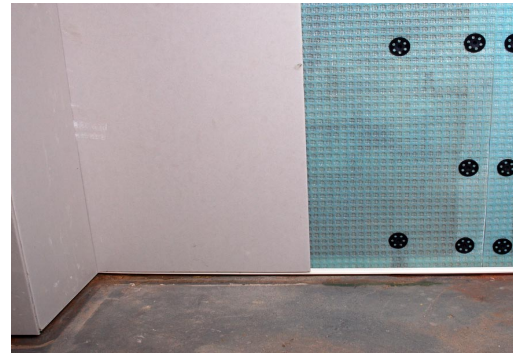


THE SOLUTION

Newtonite provides a firm key and impermeable barrier on any damp or deteriorating surface where direct bonding is not possible. Even poor and random substrates can easily receive Newtonite.

Newtonite presents a physical barrier between the old surface and the new internal finish. Unlike many systems it can be punctured when new wall fixings are required. Holes drilled through the material must however be well sealed with Newton Mastic to stop any bridge between the surfaces. Positive internal air pressure pushes vapour, suspended within the air gap created by the studded membrane, through the external wall and out of the property.

Newtonite is one of the many products marketed by John Newton & Company, who have been serving the building industry from their location in South London for over 160 years. Their products include a full range of waterproofing and tanking materials and drainage products, which can be found on the main website www.newton-membranes.co.uk



The Use of Newtonite

Newtonite can be used on virtually any type of surface of a thickness and strength sufficient to support the material and final finish. Newtonite provides a firm key, an effective barrier where direct bonding is not possible because the surface has been affected by damp, salts, oils (or other injurious substances) or simply where the surface has deteriorated and crumbled. Newtonite will also overcome the effects of cold face and thereby improve insulation. Newtonite provides the once and for all solution to all the above problems.

The Material

Newtonite is made from inherently stable, high density polyethylene, 0.3mm thick, formed into a pattern of raised studs. A polythene mesh is thermic welded to the surface of one side. The studs, 3mm high, face the wall and create channels which allow air to circulate freely behind the Newtonite. On the face, the mesh provides a rot proof key for the application of plasterboard or other materials by dot and dab with a bonding plaster. Alternatively plasters or renders can be applied.

Strength and Stability

Newtonite is inert and, with high pressure stability, has resistance to compression of 80KN/m² and a breaking strength of over 600N/60mm. It is highly resistant to water, alkalis, saline solution, anorganic acids and is not affected by minerals. It is also resistant to bacteria, fungi and other small organisms. The studs keep the new surface away from the contaminated substrate and allow air to circulate which, in the case of a damp surface, allows it to slowly dry out. The stud structure also, by allowing this small air gap, will increase the insulation of the room.

