

> Rising Damp Control <

- Basement Waterproofing
- Condensation Control
- Dry Rot & Wet Rot Control
- Woodworm Control
- Resin Repairs
- Cavity Wall Tie Repairs
- Wall Stabilisation
- Bird Control & Deterrence

PETER COX



*The company you can trust...
...the name you can recommend*

Rising Damp Control

DryWall Silane Diffusion System



Problem

Rising damp is unhealthy, unsightly and can lead to timber decay and heat loss. Also because it carries with it hygroscopic ground salts such as chlorides and nitrates, it can break down plaster and ruin internal decorations.

Solution

To resolve the problem Peter Cox install a remedial damp proof course using their DryWall Silane Diffusion system, the very latest in damp proofing technology.

This involves the introduction into the wall of a concentrated thixotropic silane/silicone 'cream' to form a barrier against rising damp. As the cream slowly diffuses, it releases a silane vapour which reacts with the silica in the masonry to form a water repellent resin.

No liquid is involved so the wall is quicker to dry out and it is not injected under pressure which means that there are no problems with party walls.

On occasions, primarily on 112mm single brick walls, a silicate injection system may be recommended using a single lance and low pressure.



- Low hazard, non-caustic and solvent free
- Non-flammable and virtually odourless
- Recommended for brick or stone
- Suitable for walls of any type and thickness
- For both internal and external use
- Can be used on 280mm cavity brick walls



It is important to remember that the injection of a damp proof course will only prevent further moisture rising from the ground and that all other sources of dampness must be eliminated as well.

The **DryWall Silane Diffusion** system has been approved by the Agreement Board and carries a **20 year guarantee**



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Salt Retardant Replastering

Following the installation of a remedial damp proof course residual moisture will dry out but the presence of hygroscopic salts within the plaster may continue to give problems.

Where plaster has to be renewed, standard plasters such as Carlite should not be used.

Instead a salt retardant render must be applied to a height of 300mm above the highest level of salt contamination and to a minimum of one metre above the floor line.

This specification can be supplemented optionally with a thermal render coat - to reduce heat loss and control condensation on the inner surface of the wall - and a silane external water repellent to complete the protection.



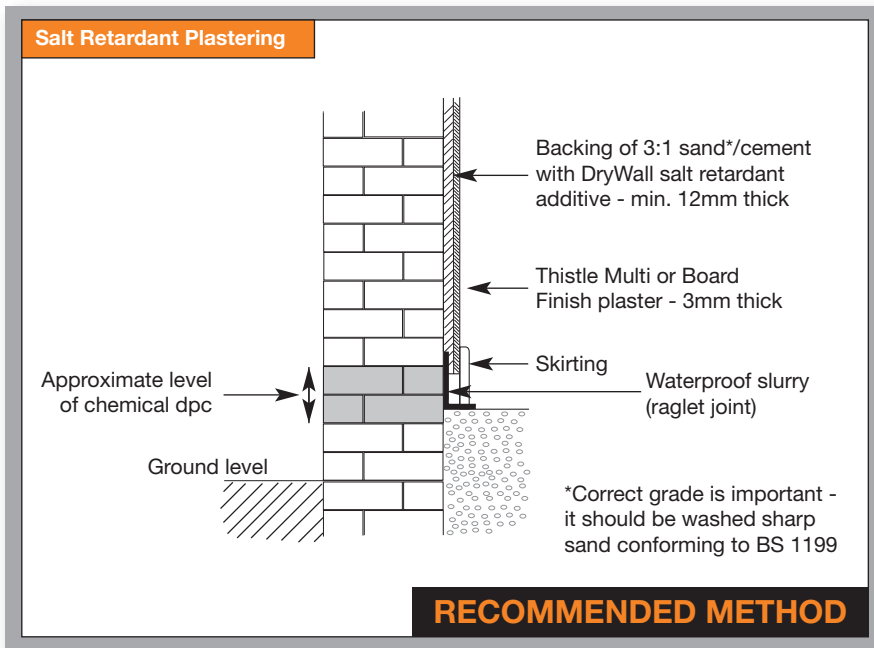
Render Coat
Sand and cement with DryWall salt retardant additive



Finish Coat
Thistle Multi or Board Finish plaster



Slurry Coat
Waterproofing for wall areas below dpc level e.g. steps in floor level



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