



Salt Retardant Additive

General

DryWall Salt Retardant Additive is a high specification additive for sand and cement renders which are used to retard the movement of salts to the internal face of the wall. DryWall also improves workability, reduces water demand yet allows the render to remain vapour permeable. DryWall is also useful for dry rot work and other problem situations.

DryWall is easily diluted on site with water, to form a working gauging solution.

Preparation

Remove existing plaster to the height outlined in the survey/specification but generally not less than 1m or 300mm above the maximum level of the salt contamination whichever is the higher. Rake out the mortar joints to ensure a mechanical key. Remove any timber fixing grounds that are present in the masonry.

Mixing

Take a clean 25 litre drum or other suitable container and half fill it with water. Add 1 litre of DryWall then make up to 25 litres in total with water. Shake or stir the drum for a few seconds to ensure even dispersion.

First Coat

Prepare 3 parts sand to 1 part cement (preferably sulphate resisting) using the gauging water containing DryWall Salt Retardant Additive. The sand should be specified as washed sharp sand, suitable for rendering as laid down in BS 1199 (1996).

Use the minimum of gauging water to achieve a dense coat; an approximation is not more than 8 litres per 50 kg dry mix.

Compact the mix well into the mortar joints and then render to give an overall thickness of no less than 12mm.

Where a total render thickness less than 20mm is required it may be possible to apply the sand cement render in a single coat. This will depend largely on the workability of the mix and it may be necessary to reduce the quantity of the gauging water to obtain a stiffer consistency.

Do not over-trowel. When the cement obtains its first set, scratch to form a key.

Second Coat/Subsequent Dubbing Out Coats if required

Dub out to the required thickness, using the same mix as used for the first coat. Second or subsequent coats should be applied before the previous coat has finally set in order to obtain good adhesion between coats.

Scratch the surface to form a key for finishing plaster.

Do not over-trowel.

Finishing Coat

This coat should be 3mm Thistle Multifinish or Board finish.

Important Notes

- Even though the new render will have water resistant properties it is still important to avoid bridging the damp proof course. Hence the plaster/render should always be cut short of the floor except in situations of high ground levels - see diagrams overleaf.
- Protect render from frost until fully cured.
- Any redecoration should be treated as temporary whilst the wall dries out. To assist in drying no impermeable coatings such as vinyl wall paper should be applied initially - for a minimum period of at least 12 months. If in doubt, contact Peter Cox.
- This product contains a traceable dye which is activated if wetted. If mixing externally, protect accordingly. Spillages can be cleared with washing up liquid and a copious amount of water.

The importance of adhering to this specification as part of the rising dampness control cannot be over emphasised. If you or your builder are unsure of any of the requirements, please contact our office for advice before carrying out the replastering.

Health and Safety

DryWall is a water based product of a low hazardous nature. However as for all chemical products precautions should be taken, including the use of overalls, gloves and goggles. Cement is alkaline and skin contact should be avoided.

Technical Information

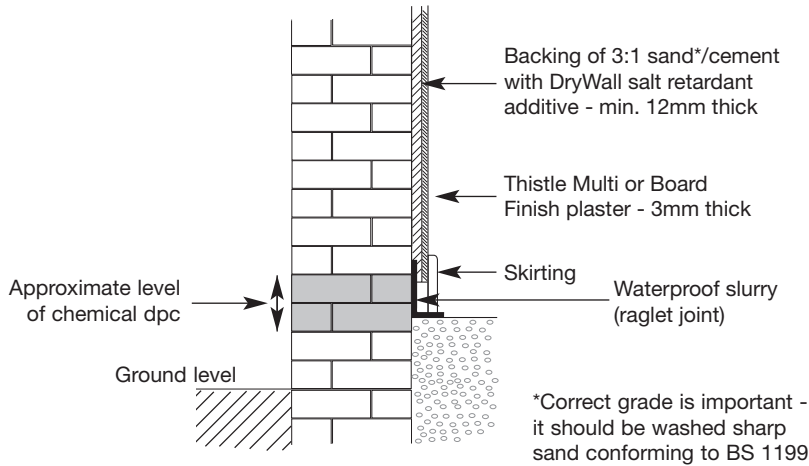
Pack size:	4 Litres
Dilution:	1:24 with water
Coverage:	1 Litre of concentrate at 1:24 dilution is sufficient for 7m ² of render at 12mm thick.
Storage:	Store out of direct sunlight above 5°C
Shelf life:	24 months in unopened containers.

This product is designed for internal use only and specifically for the use and application described above. The data and advice given apply only when the product is used as directed.

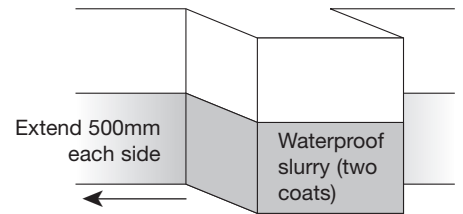
SEE ILLUSTRATIONS OVERLEAF

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Recommended Method



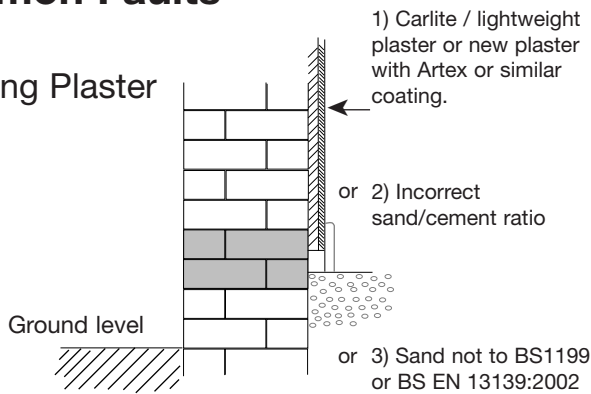
Additional protection for chimney breasts



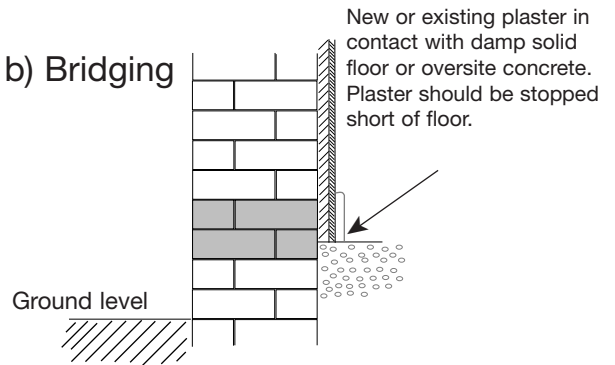
Height - 1m minimum or not less than 300mm above the maximum level of salt contamination - whichever is the higher. To be finished with DryWall salt retardant plaster.

Common Faults

a) Wrong Plaster



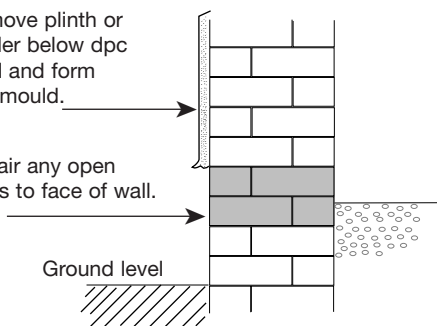
b) Bridging



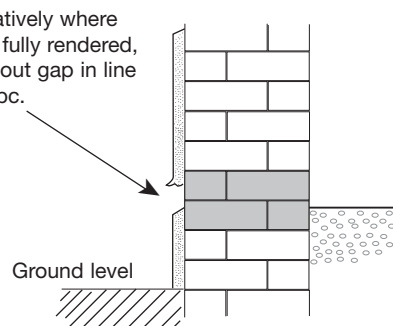
External Renders - To prevent bridging

a) Remove plinth or render below dpc level and form bell mould.

Repair any open joints to face of wall.



b) Alternatively where wall is fully rendered, chase out gap in line with dpc.



Varying ground/floor levels

