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Lime Bloom Information & Maintenance

In common with traditional cement based renders, WBS polymer modified render products may be subject to lime bloom. As the cement sets, lime is produced and this may come to the surface causing areas to exhibit an opaque whitish layer. Limebloom is purely an aesthetic problem and does not affect the durability or strength of the render.

The occurrence of limebloom may be reduced by proper protection during airing and avoiding application in adverse weather conditions. Render is most susceptible to lime bloom in the early stages of setting, and therefore needs to be properly protected from the weather and any other sources of water. Atmospheric conditions can slightly affect the colour of the render and elevations should be completed on the same day or in the same conditions.

The effect of limebloom is less noticeable on white or lighter colours. Lime bloom is not visible when render is wet so a way to check if it is present is to dampen the render in parts. If the dampened areas appear to be the same colour then the difference in colour of the dried areas is most likely due to limebloom. If there is limebloom present it will slowly wear off back to the background colour. To speed up this process and to remove severe limebloom then the elevation should be washed with a mild acid wash.

For a more consistent colour finish WBS recommends the use of our silicone render finish which is not susceptible to limebloom. Supplied in a wet paste this product is trowel applied to a prepared substrate and finished with a wooden float, available in 250 colours the overall finish is very similar to cementitious scratch render.

Recipients of WBS products must take responsibility for existing laws and regulations and at all times operate within Health and Safety guidance on the use of these products.

The information provided within this information sheet is deemed to be accurate to the best of our knowledge and given in good faith.