

### **Efflorescence in Concrete Roof Tiles**

During the winter months there is the perfect blend of conditions for efflorescence to occur in concrete building materials. A combination of cold and damp with long drying times caused by the weather can make Efflorescence common.

Efflorescence is a result of the natural weathering process of concrete.

It is a temporary discoloration of the surface caused by the migration of salts that has no effect on the overall strength or integrity of the material. On concrete roof tiles it usually manifests itself in white powdery patches or a milky bloom, lightening the colour of the product. This can create the illusion the painted surface has come off, this is not the case the colour remains underneath.

Efflorescence will eventually disappear as the roof ages due to the continuation of natural weathering. Alternatively there are concrete cleaning products available which can remove it as seen in the video linked below.

[https://youtube.com/shorts/sCvGN\\_hpnnM?feature=share](https://youtube.com/shorts/sCvGN_hpnnM?feature=share)