

TECHNICAL INFORMATION - COLOUR VARIATION SITE PRACTICE



On rare occasions, some roofs can appear to exhibit signs of colour variation across an array of roof tiles. Several known factors can be associated with this.

It is known on an industry wide basis that because concrete roof tiles are manufactured from natural materials, slight colour variations may occur as a consequence of the production process.

There are however, other associated factors such as site storage, rotation of stock on site, and mixing of tiles on the roof, which can all have an impact on the final appearance of the tile array.

Causes for Colour Variation

Where colour variation is apparent within a roof tile array, it is firstly necessary to consider the following known causes:

Efflorescence

It is known on an industry wide basis that, due to materials and processes used in concrete tile manufacturing, efflorescence can occur and cause a fine layer of salts to become visible on the surface of the tile sometime after manufacture. This can present an appearance which is sometimes mistaken for paint loss or lack of paint application. However, efflorescence is a natural phenomenon and its occurrence is acknowledged within both manufacturing standards and in NHBC technical guidance. See information sheet IS4582B for further details.

Mixing Different Batches of tiles on Roof Elevations

BS 8000-6 states that the tile manufacturer's recommendations should be checked before installing tiles to ensure that colours are blended effectively. Forticrete always endeavour to deliver tiles from a single manufacturing batch. Forticrete recommends that tiles should be laid from the same batch and tiles are mixed from 3 pallets. If it is necessary to use mixed batches, it is the responsibility of the contractor and client to ensure that stock is controlled and selected for installation with care to avoid significant variation due to the use of multiple tile batches.

What Is A Batch Code?

A batch code is a 'date stamp' showing when product has been manufactured to allow us to track the product for quality assurance purposes.

The batch code can be found on the CE Marking label adhered to each pallet as shown in the picture.

A batch code is a number made up of the day and year the product was made. For instance:

Product made on the 82nd day of 2018 would display a batch code as : **Batch Code 82 18**

