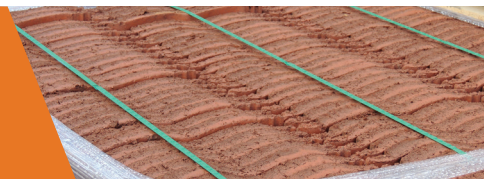


How to Achieve a Consistent Roof Finish



Ordering

Ordering tiles correctly is the first important step in achieving the best visual effect on the finished roof. It is recommended that when placing the order then the following information is supplied for all plots to be roofed on the order:

•House Builder Name •Site Name •Plot Number •Tile Type and Colour •Tile Quantity

This recommendation should be included within the Trade Specification document so that roofing contractors engaged in site work have all the information to hand when placing orders.

Mixing

It is a requirement of all roof tile manufacturers that products are mixed from different pallets, normally a minimum of three. Correct mixing when laying a roof minimises the visual effect of any slight colour variations within the production batch, or between different production batches in the shipment, as well as any efflorescence that may occur.

However, mixing from three pallets is not always straightforward due to the double-loading-bay scaffolds typically in use on site.

There is a solution to this problem, and the following method for loading the roof enables the contractor to achieve a thorough three-pallet mix and the best possible visual effect with any interlocking concrete tile or plain roof tile.

On site there must be adequate forklift truck provision or similar to ensure that pallets are delivered to the scaffold when required with the minimum downtime for the roofer.

Inspection

When goods are received on site and Proof of Delivery documents are signed, it is recommended that a visual inspection is carried out by the contractor or developer as part of the handover process

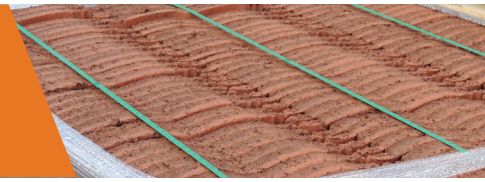
This brief inspection should include comparing the tile and fitting colour from each pallet within each shipment to ensure colour consistency and reporting of any major variances.

Checking

Before tiling commences, shipments of tiles and fittings to be used should be checked against the initial order to ensure they are correct for each plot. Any discrepancies or defective materials should be reported to the Site Agent.

It is not good practice to use tiles and fittings from different shipments or batches on the same roof/plot, as different shipments will often have different concrete maturity and different climate exposure.

How to Achieve a Consistent Roof Finish



To avoid stock allocation errors on site it is recommended that different shipments or batches of tiles and fittings are kept apart to avoid the possibility of mixing of tiles and fittings from different shipments.

Acceptance

It is recommended that before the scaffold is dropped for each plot that the Site Agent for the Developer visually inspects each roof elevation with the roofing contractor and ensures there are no obvious colour variation issues that would result in a problem for the client.

Ideally this visual inspection for colour consistency should also occur when the roof tiles are dry.

It is also acknowledged that efflorescence issues can manifest themselves some weeks after the scaffold is dropped depending on the weather. The short-term visual impact of any efflorescence that may occur, however, can be mitigated by the effective mixing of tiles on the roof from different pallets.

It should be borne in mind that efflorescence is a natural process associated with good quality concrete tiles and that it will be washed off naturally by the weather after a period of time.

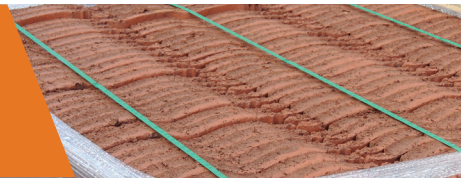
Labelling

Every roof tile pack has a label identifying the tile profile, the tile colour, the manufacturing date code along with the pack reference number and the plant of manufacture.



Russell Roof Tiles pallet label

How to Achieve a Consistent Roof Finish



Correct Storage

Pallets should be stacked one above the other up to a maximum of 3 high and be stood on firm level ground.



Correct storage of pallets