

Chip Loss During Installation

Gerard Roofs has developed an adhesive system that bonds the stone granules to the surface of the tiles.

Basecoat

- The adhesive “basecoat” is specially formulated high-build paint, based on a custom designed 100% acrylic resin binder
- The ability to bond the chips is given by the thickness of the coating and its adhesion to chip and the substrate
- Basecoat is formulated to have good durability so as to retain its adhesive properties for the life of the tile

Chip

- Gerard Roofs have the stone granules crushed to its size specifications
- The colours are either the natural colour of the rock or they are coated with a ceramic finish using inorganic light fast pigments at the Gerard Roofs manufacturing plant

Overglaze

- Is a clear coat that has been developed to provide a robust surface to reduce damage during installation while being durable

Chip loss during installation

- There will be a small amount of stone granules lost during the installation process
- The stone granules are applied to the basecoat and then the excess is removed before the tile is coated in overglaze. Granules adhering to the top surface of the tile are strongly bound and will only be removed during installation if the surface is damaged through poor installation technique
- Stone granules that may come loose will have been attached to the edges of the tiles. Basecoat is applied in a thick coating that wraps over the edges of the tiles. Granules that adhere to the basecoat on the edge is only held by a fraction of the granules surface so it is easily knocked off during handling and installation of the tiles

This small amount of chip will eventually be washed down into the rain water gutter. This is the only chip loss that will be seen for many years.

Gerard Roofs has been producing tiles with the same materials and formulations for 35 years.

Gerard Roofs has tested roofs in excess of 30 years where the stone granule coverage is still in excellent condition.



Stone granules at the edge of a tile, this may be removed during installation and handling. This chip may end up being washed down into the gutter.