



COLORCOTE® ZR8™ WHITESTAR™

Information Bulletin

What is Whitestar™?

ColorCote® ZR8™ Whitestar™ is a high performance polyester topcoat paint matched to the current Off White Export colour. The Whitestar™ colour has Solar Thermal Absorption Reflectivity pigments added to the paint formulation. Whitestar™ has a nominal solar reflectance of 0.77. (Standard off White Export has a solar reflectance of 0.6666).

These pigments are the same pigments that are incorporated in the Monolith, Dusk and Attic colours, and are being introduced across the ColorCote® ZR8™ range.

What do these pigments do?

Essentially these pigments reflect the heat from the solar source. They reduce the temperature of the roofing material and inturn reduce the room temperature.

The benefits.

- 1) Energy costs can be reduced as the need for air conditioning to cool the room is reduced
- 2) A smaller initial investment in air conditioning equipment may be possible due to a lower peak cooling load requirement
- 3) The surface temperature of the Whitestar™ roof is lower and thus less likely to be exposed to thermal stresses (expansion and contraction due to temperature variations) and thus provide greater long term durability
- 4) The lower roof temperature will also mitigate some of the impact that occurs from Urban Heat Islands.

The Whitestar™ product is the same price as standard ColorCote® ZR8™ colours (no premium).

The Whitestar™ product is backed by the standard ColorCote® Warranties.

For further information and colour selection, please phone the Roofing Industries technical helpline 0800 844 822. E: office@roof.co.nz