



Colorbond® Ultra™

COLOUR FOR THE EXTREME

What is Thermatech® technology and how does it work?

COLORBOND® Ultra™ Prepainted steel incorporating Thermatech® technology provides a new level of thermal protection for houses & commercial buildings constructed in Australia. This leading edge technology works by absorbing less heat from the sun and therefore providing less heat in the roof space. This provides greater thermal comfort in buildings specified with COLORBOND® Ultra™ steel.

By absorbing less heat from the sun it has a lower surface temperature as illustrated below:

Woodland Grey® Comparison Laboratory



Next Generation COLORBOND® Ultra™ steel
Readings in Degrees Celsius

Woodland Grey® Outdoors Winter



Next Generation COLORBOND® Ultra™ steel
Readings in Degrees Celsius

What are the advantages of COLORBOND® Ultra™ steel incorporating Thermatech® technology?

- When used in roofing applications, it improves the thermal performance of COLORBOND® steel across the entire colour range.
- Average reduction of solar absorbance across all colours is 5%
- Greatest improvement from reduced solar absorbance is in the dark colour range.
- Under BASIX colour classification – Sandbank® & Dune® move from a "medium" colour to a "light" despite no change to the actual colour.
- Similarly Wilderness®, Manor Red® & Jasper® move from a "dark" to a "medium" classification.