

**BOUNCE<sup>®</sup>**

# What comes down, must go up.

Reduce your energy costs with  
solar reflectance technology.

The increasing cost of energy is a genuine concern for most commercial and industrial building owners. So it's reassuring to know that a roof made from COLORSTEEL® Bounce® can substantially reduce the annual cooling energy costs of your building.

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## **Provides optimised solar reflectance of 77%\***

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## **Brightest white colour in the COLORSTEEL® palette**

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## **Can help reduce the annual cooling energy costs of a building**

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### **What is Bounce® technology?**

COLORSTEEL® Bounce® is a unique paint primer and top coat system that works to reflect the sun's energy allowing both your roof and your internal environment to stay cooler on hot days. It performs like extra insulation, making it easier for air conditioning to keep buildings cool.

### **One very cool colour**

Depth of colour has a major impact on a roof's heat. COLORSTEEL® Bounce® prepainted steel is a bright white colour that has been developed to deliver optimised solar reflectance with environmental benefits and positive financial impact. The nominal solar reflectance is 77%\*.

### **Reduce air conditioning costs**

Reducing cooling energy operating costs is a major benefit. But the use of COLORSTEEL® Bounce® in roofing can also reduce the up-front capital cost of air-conditioning equipment.

By specifying a roof made from COLORSTEEL® Bounce® you could help reduce the peak cooling load on your building, which may enable you to downsize the capacity of the air-conditioning equipment.

### **Help mitigate the impact of Urban Heat Islands**

COLORSTEEL® Bounce®, instead of other lower solar reflectance roofing materials, can help mitigate the impact of Urban Heat Islands (UHI). Elevated temperatures from UHI, particularly during summer, can affect a community's environment and quality of life. According to the USA EPA, impacts include increased energy consumption, elevated emissions of air pollutants, greenhouse gases, and impaired water quality.

### **Helping your roof last longer**

COLORSTEEL® Bounce® absorbs less heat on hot days, working to protect your roof and its supporting structure from temperature extremes. Lower thermal stresses can help your roof to last longer.

### **Made in New Zealand for New Zealand Conditions**

With proven strength, durability and a warranty backed by New Zealand Steel, COLORSTEEL® Bounce® delivers optimised thermal performance to help make your building more comfortable.

### **Warranty, environmental categories and maintenance requirements**

Suitable for roofing applications only. Please refer to COLORSTEEL® Endura® recommendations for roofing defined in the Environmental Categories brochure.

\* COLORSTEEL® Bounce® has a 10% higher solar reflectance than COLORSTEEL® Maxx® in Foam. Measured in accordance with ASTM E 903-96, standard test method for solar absorbance, reflectance and transmittance of materials using integrating spheres.

### **Disclaimer**

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**For more information about COLORSTEEL® Bounce® call 0800 100 523,  
visit [colorsteel.co.nz](http://colorsteel.co.nz) or email us at [info@colorsteel.co.nz](mailto:info@colorsteel.co.nz).**