

# IMPACT OF HAIL DAMAGE TO COLORBOND® STEEL ROOFING

## TECHNICAL BULLETIN TB-32

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### INTRODUCTION

This Technical bulletin provides a general description of the typical effects of hail stones on COLORBOND® steel roofing.

Generally, metal roofing is structurally robust in the event of hail stones. The roof sheeting will absorb the energy of the hail stone and remain structurally sound. However, indentations may occur along with loss of the paint topcoat.

In the event of ponding due to indentations or damage to sheet overlaps, the affected sheets should be replaced as soon as practicable to maintain the life of the roof.

Loss of the paint topcoat arising from impact of hailstones will be an aesthetic issue only. The loss of paint topcoat will have no appreciable effect on the corrosion performance of the COLORBOND® pre-painted steel roof.

### INDENTATIONS

Generally, indentations from hail stones do not affect the life of a COLORBOND® pre-painted steel roof.

The only causes of concern will arise from:

- 1) low pitch roofs with significant hail indentations occurring within the pans leading to ponding and dirt accumulation which may promote corrosion.
- 2) on low pitch roofs where sheet overlaps have been significantly deformed, the anti-capillary effect can be lost and water could be drawn into the sheet lap resulting in corrosion.

The information and advice contained in this Bulletin is of a general nature only, and has not been prepared with your specific needs in mind. You should always obtain specialist advice to ensure that the materials, approach and techniques referred to in this Bulletin meet your specific requirements.

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