



**ADDED BENEFIT
OF SIGNIFICANT
ENERGY SAVINGS
WHICH WILL
EVENTUALLY PAY
FOR THE ROOF.**

INNOVATIVE RE-ROOF SOLUTION – COUNTDOWN SUPERMARKET, NAPIER

CHALLENGE: THE COUNTDOWN SUPERMARKET IN CARLYLE STREET, NAPIER, HAS A STEEL ROOF WHICH HAD BEEN BENT AND SPLIT DUE TO FOOT TRAFFIC. AS A RESULT THE ROOF HAD BEEN LEAKING INTO THE SUPERMARKET. THE BUILDING IS OWNED BY THE OYSTER GROUP, WHICH IS A SPECIALIST PROPERTY COMPANY, OPERATING THROUGHOUT NEW ZEALAND.

Solution

In order to protect the building; Countdown's stock; and its customers, a new roof was required. Representatives from Viking Roofspec met with The Oyster Group to discuss three options:

1. Replacement with a heavier gauge steel roof
2. Replacing the roof with ply and membrane
3. Overlaying the steel with a Warm Roof System.

Viking recommended the installation of the Viking Warm Roof. This is an overlay system where rigid sheets of polyurethane foam insulation called Polyiso, are installed on top of the steel. Polyiso renders the best R-value (energy-saving capacity per inch) of any insulation in the market. Viking Enviroclad membrane is then adhered on top to provide the waterproofing layer. The advantages of the Viking Warm Roof System are:

- Eliminating damage by foot traffic creating water ingress

- Adding structural integrity due to the adhered rigid insulation layer
- As the warm roof is an overlay system, the old roof didn't need to be removed. Otherwise there would have been costly downtime from evacuating the building during the re-roofing process
- No costs associated with disposing of the current steel roof – (both labour and steel disposal costs)
- No need to uplift the existing air-conditioning and plant units
- Vital Energy Savings - The Warm Roof offers the benefit of insulating the building during the changing New Zealand seasons. Extra insulation leads to vital energy savings. Additionally, the white Enviroclad membrane reflects 92% of the sun's radiation, so during the hot Hawkes Bay summers, the reflective roof will bring further energy savings

- The roof will deliver ongoing financial contributions to the building, eventually rendering itself as a "free" roof to The Oyster Group
- For peace of mind, Viking only has licenced applicators installing its materials, which gives them the confidence to provide a 20 year product warranty of substance.

Result

The Oyster Group purchased the Viking Warm Roof System to protect the building; offer security and peace of mind to its customers and to avoid having to close the store down while the roof was replaced. It also provides the added benefit of significant energy savings, which will eventually pay for the roof and contribute financially to the building.

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