THE LEAKY ROOF ON SIR ED'S HUT...
CONQUERED

HIGH PERFORMANCE RESULT FROM A HIGH PERFORMANCE SEALANT

Photo courtesy of Antarctic Heritage Trust

Scan to see time-lapse video

Sika ®

BUILDING TRUST

HELPING PROTECT NEW ZEALAND'S PRICELESS ANTARCTIC HERITAGE

Photo courtesy of Mike Burgess, Architectural Metalformers

TOUGH JOB? TRUST SIKA

Scott Base is New Zealand's Antarctic research station. It sits at the southern end of Ross Island, 3500kms south of Dunedin. The average summer temperature at Scott Base is -1.2 C°; the average winter temperature -34.9 C°.

Hillary's Hut at Scott Base was built by a team under Sir Edmund Hillary's leadership in 1957. It was from here that Sir Ed and two team members made their famous "Dash to the Pole" on Massey Fergusson tractors in 1958.

Nearly sixty Antarctic winters later, the Hut was in a sorry state when the Antarctic Heritage Trust began a complete restoration of it in 2016. Sika became a sponsor of the Trust and supplied Sika PEF Rod and Sika MultiSeal Tape for the interior restoration, and then in late 2017 our high performance SikaHyflex®-250 Facade was used in the successful new roof project.

The Trust wanted a solution to the old leaky roof that would last a minimum of 35 years but ideally up to 50 or 60 years. A plan was developed with Mike Burgess from New Zealand company Architectural Metalformers to over-clad the original roof with new aluminium flat roof panels that would replicate the original design, right down to the Macrocarpa battens.

Mike used traditional standing seam roofing, enclosed edges, and SikaHyflex®-250 Facade to create new roof panels which once in place had the wooden battens added.

The new roof's first test came just days later when a "warm storm" swept across Scott Base. Hillary's Hut stayed dry.

If you would like to learn more about the Antarctic Heritage Trust and their great work Inspiring Explorers and preserving New Zealand's Antarctic history, visit: www.nzaht.org

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