

CASE STUDY



RESIDENTIAL - CERAMIC 40 FILM Heat and Fade Control

Project Name: St Heliers Home
Location: Auckland, New Zealand



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Task:

To protect the new wooden floor and furnishings from cracking and fading. To maintain high optical clarity, both day and night. To have a non-reflective finish with natural colours. To keep the natural light and summer temperatures at a comfortable level.

Solution:

Huper Optik Ceramic 40 and 50 cut out more than 99% of the UV rays. In the darker part of the home, Huper Optik C50 stops 49% of total solar energy, without restricting the light. The lounge and dining area are sun drenched and support the slightly darker C40, with a 55% total solar energy rejection to give extra protection to the wooden floor. The non-reflective finish of the ceramic window film enhances the aesthetics of the building and allows for unobstructed viewing both ways.

Result:

“We chose Huper Optik window films, because we needed to protect our new wooden floor, but did not like the look of the other window films, because they looked too shiny or were too dark to achieve the same amount of heat rejection. There is also a vast difference in optical clarity between ceramic film and other materials on the market” says Helen, the home owner. The normal films create a hazy look when the sun comes in at a low angle, especially against the dark background of the bush setting. “Using the lighter film in the family area keeps it pleasant and light; the visual difference is not obvious against the rest of the house, where we needed more heat protection.”



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Meister Keramische Technologie
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