

## BOWHILL ROAD 'SUPER HOME' - CASE STUDY

August 2017

### WHAT WAS THE CHALLENGE?

challenge.



Bowhill Road 'Super Home' is an ultra-low energy beachside home located in Christchurch, New Zealand. The 'Super Home Movement' is the latest building trend becoming increasingly popular in New Zealand. These 10-star rated Super Homes feature the latest in sustainable building innovations and designs encompassing 'green' living and environmental sustainability. Properties like Bowhill Road Super Home are intelligent, modern style homes employing sustainable design techniques such as solar energy and recycled water to lower energy consumption and increase energy efficiency.

### WHAT PRODUCTS WERE USED?

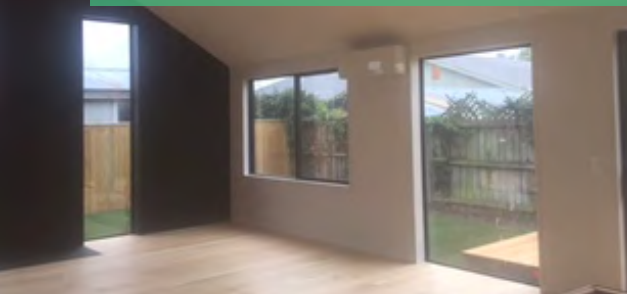
create.



The project designers, Josh Smith and Zak Read from Zbuilt, were very specific with the building materials included in this project to ensure the property maintained a high level of energy efficiency whilst minimising environmental impact. They specifically sought out products with proven sustainability credentials, and thus, incorporated Jet Stream® MAX into the design. Jet Stream® MAX is blown into a cavity space to fill the entire area without leaving any voids or gaps. Jet Stream® MAX's ability to achieve high R-values in the walls and ceilings made it an ideal inclusion in the project. It was used to achieve an R5.4 rating in the walls and an R8.6 rating in the ceilings.

### WHAT WAS THE RESULT?

care.



In combination with use of other materials, inclusion of Jet Stream® MAX in this project assisted in achieving the desired 10-star Super Home rating. Jet Stream® MAX's ability to fill all gaps and voids will ensure superior thermal and acoustic performance is maintained all year round. With the help of Jet Stream® MAX, this high performing energy efficient Super Home will provide lifelong savings and environmental sustainability.

## For more information please contact:

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challenge.  
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