

ARCARE PORTARLINGTON - CASE STUDY

February 2019

WHAT WAS THE CHALLENGE?

challenge.



The Arcare Portarlington Aged Care facility is a 5 star residence. The 100 private suites and entertainment areas were designed to achieve a 6 star energy rating. In order to achieve the energy rating and provide optimal comfort levels for residents, high performing insulation was needed to keep residents cool in summer and warm in winter.

WHAT PRODUCTS WERE USED?

create.



Earthwool® ceiling batts, R5.0 were installed in the ceilings; this R-Value is higher than the recommended minimum standard for ceilings and will provide high thermal performance as well as contribute towards the 6 star energy rating.

Earthwool® wall batts, R2.5 were used in the internal and external walls. The high R-Value in the external walls is higher than the minimum standards offering a high performing thermal solution to provide year-round protection. The use of R2.5 insulation in the internal walls will also help to create a peaceful environment for the occupier by reducing sound transfer between rooms.

WHAT WAS THE RESULT?

care.



The high R-Value insulation used in the walls and ceilings was a key factor in helping the Arcare Portarlington Aged Care facility achieve a 6 star energy rating.

As well as being energy efficient, the buildings in the aged care community will also provide thermal comfort and peace and quiet for the residents to enjoy.

For more information please contact:

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