

uPVC vs. Aluminium Windows and Doors

The choice is clear...

<u>uPVC</u>	<u>Aluminium</u>
Maintenance free	High maintenance over its shorter life time
Low U- Value of 1.8 making it thermally efficient and an excellent insulator	Higher u- Value of 4.5 - 7.0 making it a poor thermal insulator and costing you money in energy bills
High acoustic properties	Poor acoustic properties
Positive Basix ratings	Even upon choosing an 'improved aluminium frame' BASIX ratings are less favourable
Weather resistant and able to withstand harsh extremes	Allows condensation to form
Rust, Rot and Corrosion resistant	Rust, Rot and Corrosion prone and badly effected by salt air in coastal areas
Can be recycled up to 10 x with low levels of pollution during production	Also, recyclable however higher energy costs go into production
Good cost- benefit ratio	Cheaper to purchase, but will not decrease energy bills and higher levels of maintenance

“...there is no alternative material to uPVC in its major product applications that has less overall effect on the environment”.

CSIRO