

QBT 450TM

THE INNOVATIVE CLADDING SYSTEM

As weather patterns are becoming more and more extreme it's time to consider a cladding system that will protect you and your family from the elements, is affordable and looks great for years to come.

QBT 450

Quick Batten Tray Cladding System

BRANZ appraised - Appraisal No. 926[2016]
Design Registration. NZ421764 and AU20166878
NZIPO Trade Mark Registration No. 1026496
Registered Patent Innovative Patent No AU 2016100914



BRANZ Appraised
Appraisal No.926 [2016]



There are many reasons why to choose QBT 450 for your next project



PROTECTION OF YOUR HEALTH

It's already a well-known fact that, worldwide, New Zealand has one of the highest population percentages of people effected by asthma. This, as well as many other health and allergy issues, has been proven by the EHP to be a result of damp and poorly ventilated buildings in which mold accumulation and inhalation levels are too high.

Due to a combination of indirect fixings, no penetrations, along with a ventilated build up, the QBT 450 cladding system provides excellent moisture control.

By controlling the exposure to harmful agents inside your own home, you feel a certain peace of mind for yourself and your loved ones in a place where we after all, on average, spend 16 hours a day.



PROTECTION OF YOUR INVESTMENT

The QBT 450 cladding system has been tested and appraised by BRANZ to make sure that your investmer lasts throughout all weather conditions and time.

B2 Durability must always be considered when demonstrating compliance with each of the clauses of the NZ Building Code. In other words, it ensures that a building will continue to satisfy the performance of the NZ Building Code throughout its specified intended life.

Under the clause, building materials, components and construction methods are required to be sufficiently durable. They must ensure that the building, without reconstruction or major renovation, continues to satisfy the other functional requirements of the Building Code throughout its life. B2 specifies minimum durability periods.

The New Zealand Building Code is considered to be the minimum requirement.



VENTILATED ROOF BUILD-UP

- moisture control
- better insulation values due to air circulation between roof and insulation layer

INDIRECT FIXINGS

- no penetrations mean no potential leaks
- no restriction in expansion or contraction in thermal or seismic situations

REDUCED INSTALLATION TIMES

- complete system
- quicker installation time than any other tray roof on the market
- less installation time means less scaffolding or access cost
- reduced overall construction time

MODERN TRAY ROOF LOOK

- great architectural appealing look
- adds value to your property

INDEPENDENTLY TESTED



DO IT ONCE, DO IT RIGHT

The building envelope, formed by the roof and wall cladding, are considered the most important part of a house. After all, they protect the structure and the content of your home.

Moisture entering the building can cause significant damage to the structure and could happen undetected over a long period of time. Repairs resulting from damage are often very costly, not to mention the possible health effects on the building inhabitants.

The cost for the QBT 450 cladding in aluminium at first sight can appear to be more expensive than a steel roof. However, over the life span of 50 years (the minimum lifespan for a building as required within the NZ Building Code), this system in aluminium is a lot cheaper and without the need of maintenance, repair or replacement, and can offer you a healthy, comfortable environment, all while protecting your investment and your health in the long term.

Sample calculation based on average house size of 200 m²

	typical supply and install cost per m ² (starting from)	cost per roof (based on 200m ²)
Prefalz aluminium 1.0 BMT	\$ 165.00	\$ 33,000.00
Steel product 0.55 BMT	\$ 145.00	\$ 29,000.00
difference		\$ 4,000.00

Durability comparison

	warranty period in years		ISO CAT 4		ISO CAT 5	
	ISO CAT 1-3	maintenance required	maintenance required	maintenance required	maintenance required	
Prefalz aluminium 1.0 BMT	up to 40 yrs	no	20 yrs	no	20 yrs	no
Steel product 0.55 BMT	up to 18 yrs	yes	15 yrs	yes	15 yrs*	yes

average lifespan of NZ House as per Building Code ISO CAT 1-3	years		over the lifespan of 50 years		cost	cost over 50yrs	cost per day	per month	difference
	years	days	needs replacing	cost					
Prefalz aluminium 1.0 BMT	40	14600	1.25	\$ 33,000.00	\$ 41,250.00	\$ 2.26	\$ 67.81		
Steel product 0.55 BMT	18	6570	2.78	\$ 29,000.00	\$ 80,555.56	\$ 4.41	\$ 132.42	\$ 64.61	

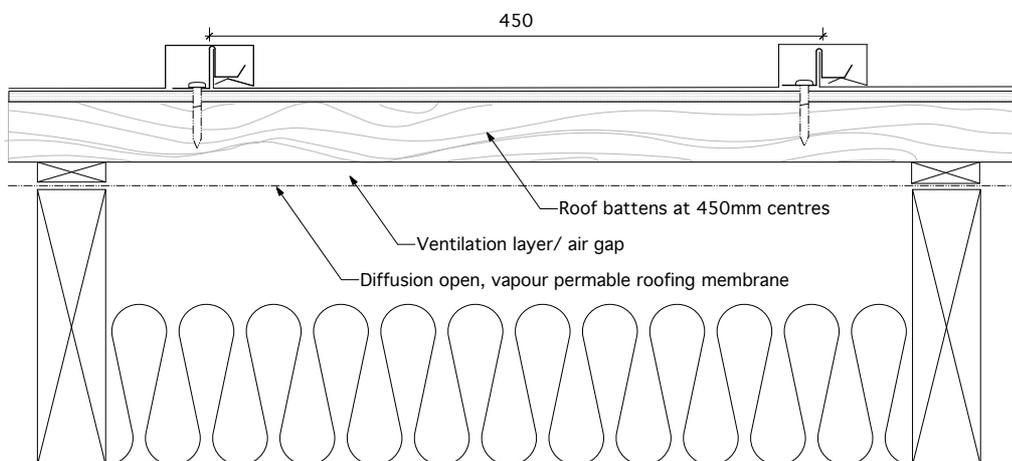
The above sample calculation does not include additional replacement cost such as scaffold/ access, removing of existing cladding, cost increase in materials and labour. Not included are also associated cost, such as washing the steel roof on a regular basis (aluminium does not require washing)

NOTE: Sample should only be seen as a guide. Project cost do vary depending on size, complexity and location.

SUMMARY

Instead of questioning "Can I afford this roof?" your question really should be "Can I afford not to have it?" Some things in life shouldn't come with a price tag, and the price for the comfort and security you feel within your own home simply is just one of those things.

TYPICAL BUILD-UP / SECTION FOR QBT 450



For further information please visit www.qbt450.nz