

New Sustainable Housing Measures

From 1 March 2006, Requirements for Sustainable Buildings for new Class 1 building and a sole-occupancy unit of a new Class 2 building, and renovated bathrooms in an existing Class 1 and a sole-occupancy unit of an existing Class 2 building will be subject to new water and energy efficiency measures

Acceptable Solutions:

Shower Roses:

Shower Roses to be AAA rating when assessed against AS/NZ 6400:2004 or A 3 star rating under the Water Efficiency Labelling Scheme (WELS)

Water Supply:

In a service area for retail water service under the Water Act 2000, the water supplied to a new Class 1 building does not exceed pressure levels set out in AS/NZ 3550.1:2003 and if the main water pressure exceeds or could exceed 500 Kpa, a water pressure limiting device is installed to ensure that the maximum operating pressure at the outlet within the boundaries of the property does not exceed 500 Kpa.

Volume of Water used in toilet:

In a new Class 1 building and a sole-occupancy unit of a new Class 2 building, and in an existing Class 1 building or a sole-occupancy unit of an existing Class 2 building where toilets are replaced, toilet cisterns have dual flush capability that does not exceed 6 litres on full flush and 3 litres on half flush.

Energy Efficient Lighting:

In a new Class 1 building and a sole-occupancy unit of a new Class 2 building, fluorescent lights or compact fluorescent lights (CFLs) are used in 40% of the total area of all rooms. The total area is to include the floor area of the garage, where the garage is associated with the Class 1 building or sole occupancy unit.

Hot Water Supply:

In a new Class 1 building, a hot water supply is provided by:

- (a) A heat pump or a solar hot water system that is eligible to receive:
 - (i) in a building with 3 or more bedrooms, at least 22 Renewable Energy Certificates”
or
 - (ii) In a building with 1 or 2 bedrooms, at least 14 Renewable Energy Certificates: or
- (b) A gas hot water system with a five star energy rating.

For further information, visit the sustainable housing website
<http://www.lgp.qld.gov.au/sustainableliving>

