

Exposure Grade and Solar Absorptance

SOLAR ABSORPTANCE

Selkirk manufacture bricks to comply with the Australian Standard AS/NZS 4455.1-2008 Masonry Units, pavers, flags and segemental retaining wall units - Masonry Units. This standard specifies the requirments that bricks need to meet to be used in building walls.

The following information is from Think Brick Australia Manual 2 - the Properties of Clay Masonry Units, section 4.6 Thermal Properties.

Think Brick is the industry body for all brick manufacturers in Australia.

Solar absorptance is a measure of how well a material absorbs heat from the sun.

Solar absorptance is reported as a number from 1 to 100 but, because the effect of absorptance by walls is not large, it is usually shown as 'light', 'medium' or 'dark'. Unlike many other materials, clay masonry units absorb and release heat almost equally well. 'Light' bricks and 'dark' bricks do exist, but most bricks are classed as 'medium'.

EXPOSURE GRADE

All Selkirk bricks are sold as Exposure Grade, in accordance with Australian/New Zealand Standard 4455.1:2008.

This means they are suitable for use in areas of high salt exposure.

For further clarification please refer to Australian/New Zealand Standard 4455.1.:2008

