

# OVER EXPOSED

*The drainage dilemma for today's open plan homes*



and desire to recreate a slice of the natural world in their  
*concrete jungle*

has turned **open-air living** into a **major architectural trend**.



## THE PROBLEM

Poor drainage and extreme climate events have made open-air designs problematic

Flood damage in Australia = **\$314 million** annually, and heavy rainfall events are set to increase

Poor drainage can cause mould, rising damp, attract pests and damage landscaping

Ponding or water pooling on outside surfaces can become a major disease vector

Traditional step-down drainage solutions can create accessibility problems and safety hazards



## THE SOLUTION

Optimise open-air designs with preventative measures and Stormtech's **level threshold drainage**

Use quality guttering and keep them clear of debris

Level threshold drainage maximises safety and accessibility

Ensure impervious surfaces (concrete, timber, tile etc.) are properly graded

Install chic and attractive level threshold drainage to harmonise indoor/outdoor spaces



# Stormtech

was a pioneer of the level threshold drainage design and was directly involved in the development of **Australia's Waterproofing Standards (AS-3740 & AS-4654)**

[1] UN (2012) World Urbanisation Prospects: The 2011 Revision, United Nations DESA Population Division

[2] BTE (2001) Economic Costs of Natural Disasters in Australia, Bureau of Transport Economics Report 103, Australian Government

[3] BOM (2014) State of the Climate 2014, Bureau of Meteorology, Australian Government