

WANZ WIS System

The WANZ WIS is a pressure equalized installation system developed by the WANZ technical committee and accepted as an alternative solution after having been test proven under E2/VM1 and following the procedure of AS/NZS4284:1995.

Due to part of the scope of the verification method, it is restricted to buildings that have a drained and vented nominal 20 mm cavity construction). The WANZ WIZ consists of two main parts:

- protecting the structure from moisture that might enter around the joinery opening, and
- reducing the risk of water ingress

Pressure equalization has been in use since the 1960's mainly for design of curtain wall systems based on the theory that water leakage depends on three essentials to occur:

- the presence of water
- an opening, and
- some kind of force to move the water through the opening

The main distinctive features that differentiated the WANZ WIS system from the E2/AS1 joinery details was the drainage channel used at the head of the joinery opening, and the head flashing fitted at the back of the cladding sealed to the bottom edge of the cladding to the same detail as in a direct fixed situation.

The introduction of amendment 5 to E2 in August 2011 required that all previous verified solutions (such as the WANZ WIS) be retested as of July 2013. WANZ chose not to retest as the current E2 amendment 5 addresses all of the previous concerns, making the previous WANZ WIS redundant.

A new version of WANZ WIS is available from the [WANZ website](#)