

ADVANTAGES OF USING WEEPAS

Rendered surfaces



Print detailed tradesman's instructions with photos for masonry or lightweight panels: weepa.com.au

Perfect rendered weepholes are made easy. The patented mortar cover and grate assembly act as an adjustable formwork for the weep hole. The mortar guard is removed after painting for beautiful weepholes.

Bricklaying

Forming weepholes is quicker and easier. The patented cover/grate assembly hinges and stays open to allow cavity washout (where this practice is sanctioned).

Certification

The grate is hinged at the top (patented) to aid inspection.

Vermin exclusion

Pests are excluded without the use of chemicals.

Money saving

- Cheap to buy
- Saves time forming weepholes
- No more cleaning out weepholes for certification
- Protects the moisture barrier against accidental penetration
- Simple adjustable weep hole formwork for renderer



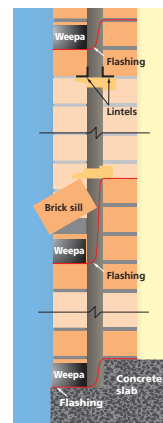
THE IMPORTANCE OF WEEPHOLES

Leaky House Syndrome and ventilated cavity design

Trusting weathertight exterior barriers to protect your project has proven disastrous in countries where the use of rendered finishes on lightweight panels is commonplace. Government inquiries, class legal action and massive compensation payouts have resulted in rewritten building codes in New Zealand, Canada, the USA and other countries. The emphasis in these new codes is now on drainage and a return to ventilated cavity design.

Healthy homes

Ventilation: Well-ventilated cavities help prevent condensation and moisture accumulation, caused by home heating and cooling, which reduce the life of building materials. Mould and fungus need moisture to grow. **Drainage:** Water that enters the cavity due to capillary or wind action, condensation, damage, or accidental flooding needs to escape outside. In QLD and northern NSW it is not unusual to see water flowing from the weepoles on the prevailing side of well constructed houses after a typical 'gully raker' or monsoonal storm.



CSIRO Technical Assessment No. 350: The High Performance Bushfire Weepa is suitable for installation in Bushfire Attack Levels BAL-LOW, BAL-12.5, BAL-19, BAL-29, BAL-40 as defined in AS 3959-2009 and is also suitable for installation in Bushfire Attack Level BAL-FZ when a minimum setback distance of 10 m from the classified vegetation is achieved.



HACCP Australia Pty Ltd has endorsed the installation use of Weepa Products Pty Ltd's range of weep hole protectors as effective food safe devices for the management and control of rodent and insect infestation in food facilities operating in accordance with a HACCP based food safety programme.

Available Australia-wide through building and hardware suppliers.

Weepa Products Pty Ltd

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The Weepa range is subject to Intellectual Property Rights.
Aust Pat Nos 713335, 762230, 2007237177, 2007215369. NZ Pat No 567674. Sth Africa Pat No 2008/03841.
US Pat No 8171677. International PCT AU2007/000004. Des Reg 137021, 150609, 156915. TM 775282.

Product Catalogue

The New Generation Range

weepa
Perfect weepholes every time!

New Standard Weepa

- Improved airflow for better functioning cavity and healthier home.
- Rendered surfaces made easier and better looking.
- Vermin-proof weepole for happier home owners.
- Minimal cost and saves money.
- Compliance officers and certifiers appreciate the detail.

The Canberra Firestorm

Some lessons after the loss of 500 homes

- Most houses were not destroyed by direct contact with the bushfire but due to ember attack up to 500m from the front.
- Houses which were not protected by metal mesh with holes smaller than 2mm were more likely to be destroyed during the bushfire.
- The coroner recommended the ACT government should consider implementing the bushfire code AS3959 in the urban area.
- Read the Canberra Firestorm coroners report www.courts.act.gov

Technical

- Install during construction
- Adjustable for facebrick, render and blockwork
- Hinged vermin-proof grate and green mortar guard fully assembled
- HACCP Food safety accredited
- H75 x W10 x D105

70mm Weepa and 70mm Bushfire Weepa (Lightweight Panel/Kiwi Brick)

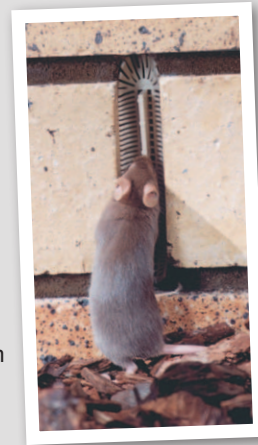
- For rendered lightweight panel and narrow bricks.
- Enhances cavity ventilation for a healthy house.
- Critical component in preventing leaky house syndrome.
- Vermin-proof, attractive weepholes.

Technical

- Install during construction
- Adjustable during rendering
- 70mm Weepa is a shortened version of the New Standard Weepa for narrow applications
- 70mm Bushfire Weepa is a shortened version of the High Performance Bushfire Weepa for narrow applications
- H75 x W10 x D70

Pest Stoppa

- Retrofit vermin protection for weepholes.
- Easily installed by homeowner into existing weepholes.
- Don't let mice, wasps, bees, cockroaches and snakes invade your home through weepholes.



Technical

- Fan shaped fringe enters all the hidden crevices
- Maximum airflow — minimum pest flow.
- Illustrated in cream for clarity but manufactured only in black

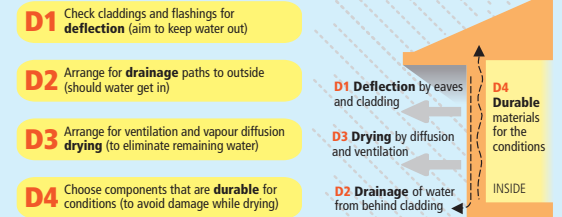
Leaky Building Syndrome and Weathertightness

'Leaky Building Syndrome' describes the consequences of moisture penetrating the building envelope between the interior and exterior skins. Fungal growth then literally eats away the wall materials. Building types most affected appear to be new construction using monolithic cladding systems such as styrene panel systems which compromise water management.

In 2002 repair costs were estimated at NZ\$1.8 billion in New Zealand, C\$3 billion in BC Canada, or C\$23,000 per home (from Background note to members of NZ Parliament 6/11/2003).

The best insurance against inevitable moisture penetration is a carefully designed cavity system incorporating drainage and ventilation. The 4Ds of Weathertightness (Deflection, Drainage,

Drying and Durability) are reflected in all the latest standards for external cladding and wall design in NZ, USA and Canada.



High Performance Bushfire Weepa

- Complies with bushfire code.
- All the features of the New Standard Weepa.
- Metal mesh excludes burning embers entering the wall and roof cavity through weepholes.
- CSIRO appraised and extensively tested.

Technical

- Same as New Standard Weepa with red mortar guard
- T304 grade stainless steel mesh with 0.415mm aperture
- Extract from CSIRO Assessment 350: 'suitable for installation in bushfire Attack Levels BAL-LOW, BAL-12.5, BAL-19, BAL-29, BAL-40 as defined in AS 3959:2009 and is also suitable for installation in Bushfire Attack Level BAL-FZ when a minimum setback distance of 10 m from the classified vegetation is achieved.'

Louvred Weepa

- For extreme driving rain and high wind exposure, eg high rise.
- Louvres set back with no protrusions that capture high speed vertical winds common to high rise.
- All the features of the New Standard Weepa.

Technical

- Same as New Standard Weepa with louvred grate and blue mortar guard
- Griffith University Airflow Assessment: 'no significant restriction of airflow under typical, normal and extreme conditions ... under extreme laboratory conditions (100 x normal) the measured restriction of the louvred grate was 4 times that of a standard grate'

90mm Extension

- Extends length of all Weepas for blockwork and retaining walls.

Technical

- For 140–150mm blockwork use 70mm Weepa or 70mm Bushfire Weepa with Extension
- For 190–200mm blockwork use Standard Weepa or High Performance Bushfire Weepa with Extension
- H75 x W10 x D90

