



# CERTIFICATE OF CONFORMITY

This is to certify that



## Thermo-Reflective Insulation and Vapour Barrier Membrane (Insulbreak, Permifloor, Permishield and Permivav)

### Product description

#### Insulbreak, Permifloor, Permishield and Permivav

Thermo-reflective insulation blanket comprised of closed-cell, crossed-linked foam structure between two layers of reflective aluminium foil.

### Product purpose or use

Thermal insulation for walls, floors, ceilings and roofs.

Pliable building membrane.

### Certificate holder

Kingspan Insulation Pty Ltd  
44 Milrose Drive, Malaga, WA, 6090

### Codemark certification body

SAI Global Certification Services Pty Limited  
(ACN 108 716 669) Trading as "SAI Global"  
JAS-ANZ Accreditation No. Z1440295AS  
Address: 286 Sussex Street, Sydney, NSW 2000  
Website: www.saiglobal.com

### Complies with the Building Code of Australia (BCA):

**Volume One:** Specification C1.10 Clause 7, NSW Specification C1.10 Clause 7, FP1.4, J1.2 (incorporating the NSW, NT, TAS and QLD variations to Section J)

**Volume Two:** 3.7.1.9, 3.12.1.1 (incorporating the NSW, NT and TAS variations to Part 3.12)

### Subject to the following conditions and limitations:

1. Each product must be installed in accordance with the Kingspan Insulation Pty – Insulation Solutions for Roofs, Walls & Floors (Issue – AM 1158).
2. Each product must be used for its intended purpose.

Samer Chaouk  
Head of Policy, Risk & Certification  
For and on behalf of SAI Global

Unrestricted  
Building Certifier

17/12/2012

Date of issue

16/12/2015

Date of expiry

CM20029

Certificate Number



JAS-ANZ



WWW.JAS-ANZ.ORG/REGISTER

- This Certificate of Conformity is issued by an accredited certification body under arrangement with JAS-ANZ. The ABCB does not in any way warrant, guarantee or represent that the Product the subject of this Certificate of Conformity conforms with the BCA, nor accepts any liability arising out of the use of the Product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate
- It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, [www.abcb.gov.au](http://www.abcb.gov.au).



# CERTIFICATE OF CONFORMITY

This is to certify that

**INSULBREAK, PERMIFLOOR, PERMISHIELD, RETROSHIELD, GLARESHIELD, PERMICAV, RETROSHIELD XL, GLARESHIELD XL and INSULWHITE**



#### Product description

GLARESHIELD and RETROSHIELD are fibre-free, encapsulated air cell structure (thermo-cellular) reflective insulation with foil outer faces.

INSULBREAK, PERMIFLOOR, PERMISHIELD and PERMICAV are fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

RETROSHIELD XL is fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell core sandwiched with a plain foil facing on both sides.

INSULWHITE is fibre-free thermo reflective insulation, sandwiched by a highly reflective facing on the upper side and a white facing on the other side.

GLARESHIELD XL is fibre-free, thermo-reflective insulation comprising a cross-linked, closed-cell core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

#### Product purpose or use

Reflective pliable building membrane for the provision of thermal insulation in walls, floors, and roofs

#### Certificate holder

Kingspan Insulation Pty Ltd  
266 Beringarra Road, Malaga, WA, 6944.  
Tel: 1300 247 235 Fax: 1300 247 329  
[info@kingspaninsulation.com.au](mailto:info@kingspaninsulation.com.au)

#### Codemark certification body

SAI Global Certification Services Pty Limited  
(ACN 108 716 669) Trading as "SAI Global"  
JAS-ANZ Accreditation No. Z1440295AS  
Address: 286 Sussex Street, Sydney, NSW 2000  
Website: [www.sai-global.com](http://www.sai-global.com)

#### Complies with the Building Code of Australia (BCA) 2012:

**Volume One:** Specification C1.10 Clause 7, NSW Specification C1.10 Clause 7, FP1.4, J1.2, QLD J1.2 of BCA 2009 for Class 2 buildings only.

**Volume Two:** P2.2.2, 3.7.1.9, 3.12.1.1, NT 3.12.1.1 of BCA 2005.

#### Subject to the following conditions and limitations:

- Each product must be installed in accordance with the relevant Kingspan Insulation Pty Ltd brochure:  
Air-cell Insulbreak Brochure 1457C (Issue 3 Apr 2011).  
Air-cell Permishield Brochure AW12134 (Issue 3 Jan 2013).  
Air-cell Permifloor Brochure AW1213 (Issue 4 Jan 2013).  
Air-cell Retroshield Brochure 1457H (Issue 2 Apr 2011).  
Air-cell Glareshield Brochure 1457A (Issue 4 Apr 2011).  
Air-cell Permivac Brochure AW1213 (Issue 7 Jan 2013).  
Air-cell Insulwhite Brochure AW1215 (Issue 1 Feb 2013).  
Air-cell Glareshield XL Brochure (TB055) AW1277 (Issue 3 Apr 2013).  
Air-cell Retroshield XL Brochure (TB055F) AW1277 (Issue 1 Apr 2013).
- Each product must be used for its intended purpose.

Samer Chaouk  
Head of Policy, Risk & Certification  
For and on behalf of SAI Global

Paul Bailey  
Unrestricted  
Building Certifier

04/10/2013  
Date of Issue

16/12/2015  
Date of expiry

SAIG-CM20029  
Certificate Number



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- It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, [www.abcb.gov.au](http://www.abcb.gov.au).



**CODEMARK™**

**Product description**

INSULWHITE is a fibre-free thermo reflective insulation, sandwiched by a highly reflective facing on the upper side and a white facing on the other side.

GLARESHIELD XL is a fibre-free, thermo-reflective insulation comprising a cross-linked, closed-cell core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

INSULBREAK, PERMIFLOOR and PERMISHIELD are fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

PERMICA V is a micro-perforated, fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

PERMIWALL is a fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with a plain foil facing on both sides.

RETROSHIELD XL is fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell core sandwiched with a plain foil facing on both sides.

**Product purpose or use**

Reflective pliable building membrane for the provision of thermal insulation in walls, floors, and roofs

**Certificate holder**

Kingspan Insulation Pty Ltd  
266 Beringarra Ave, Malaga, WA. 6944.  
Tel: 1300 247 235 Fax: 1300 247 329  
[info@kingspaninsulation.com.au](mailto:info@kingspaninsulation.com.au)

**Codemark certification body**

SAI Global Certification Services Pty Limited  
(ACN 108 716 669) Trading as "SAI Global"  
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Address: 680 George Street, Sydney, NSW 2000  
Website: [www.sai-global.com](http://www.sai-global.com)

# CERTIFICATE OF CONFORMITY

This is to certify that

**INSULWHITE, GLARESHIELD XL, INSULBREAK, PERMICA V,  
PERMIFLOOR, PERMISHIELD, PERMIWALL and RETROSHIELD XL.**



**Complies with the Building Code of Australia (BCA) 2015:**

Volume One: Specification C1.10 Clause 7, NSW Specification C1.10 Clause 7, FP1.4, J1.2, QLD J1.2 of BCA 2009 for Class 2 buildings only.

Volume Two: P2.2.2, 3.7.1.9, 3.12.1.1, NT 3.12.1.1 of BCA 2005.

**Subject to the following conditions and limitations:**

- Each product must be installed in accordance with the relevant Kingspan Insulation Pty Ltd brochure:
  - Air-cell Insulwhite Brochure (TB055W) AW1967 (Issue 5 June 2015).
  - Air-cell Glareshield XL Brochure (TB055) AW2002 (Issue 6 Sept 2015).
  - Air-cell Insulbreak Brochure (TB) AW19560 (Issue 6 May 2015).
  - Air-cell Permica V Brochure (PS055XV) AW1=2002 (Issue 3 Sept 2015).
  - Air-cell Permifloor Brochure (PSW) AW2002 (Issue 8 Sept 2015).
  - Air-cell Permishield Brochure (PS) AW2002 (Issue 6 Sept 2015).
  - Air-cell Permiwall Brochure (PS055F) AW2002 (Issue 3 Sept 2015).
  - Air-cell Retrosshield XL Brochure (TB055F) AW2002 (Issue 4 Sept 2015).
- Each product must be used for its intended purpose.



*Heather Mahon*

*P. Bailey*

Heather Mahon - Risk and Compliance Manager APAC

Paul Bailey - Unrestricted Building Certifier

18/01/2016

Date of issue

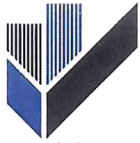
16/12/2018

Date of expiry

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**Product description**

INSULWHITE is a fibre-free thermo reflective insulation, sandwiched by a highly reflective facing on the upper side and a white facing on the other side.

GLARESHIELD XL is a fibre-free, thermo-reflective insulation comprising a cross-linked, closed-cell core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

INSULBREAK, PERMIFLOOR and PERMISHIELD are fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

PERMICA V is a micro-perforated, fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with an anti-glare foil facing on one side and a plain foil facing on the other side.

PERMIWALL is a fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell foam core sandwiched with a plain foil facing on both sides.

RETROSHIELD XL is fibre-free, thermo reflective insulation, comprising a cross-linked, closed-cell core sandwiched with a plain foil facing on both sides.

**Product purpose or use**

Reflective pliable building membrane for the provision of thermal insulation in walls, floors, and roofs

**Certificate holder**

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**INSULWHITE, GLARESHIELD XL, INSULBREAK, PERMICA V, PERMIFLOOR, PERMISHIELD, PERMIWALL and RETROSHIELD XL.**



**Complies with the Building Code of Australia (BCA) 2015:**

Volume One: Specification C1.10 Clause 7, NSW Specification C1.10 Clause 7, FP1.4, J1.2, QLD J1.2 of BCA 2009 for Class 2 buildings only.

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  - Air-cell Glareshield XL Brochure (TB055) AW2002 (Issue 6 Sept 2015).
  - Air-cell Insulbreak Brochure (TB) AW19560 (Issue 7 August 2016).
  - Air-cell Permica V Brochure (PS055XV) AW1=2002 (Issue 4 Aug 2016).
  - Air-cell Permifloor Brochure (PSW) AW2002 (Issue 9 Aug 2016).
  - Air-cell Permishield Brochure (PS) AW2002 (Issue 6 Sept 2015).
  - Air-cell Permiwall Brochure (PS055F) AW2002 (Issue 3 Sept 2015).
  - Air-cell Retrosshield XL Brochure (TB055F) AW2002 (Issue 4 Sept 2015).
- Each product must be used for its intended purpose.



*N. Grantham*  
Nicole Grantham – General Manager  
SAI Global Certification Services

*P. Bailey*  
Paul Bailey – Unrestricted Building  
Certifier

14/12/2016  
Date of issue

16/12/2018  
Date of expiry

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