



EXPOL THERMASLAB EDGE (XPS) (SHEET)

BUILDING PRODUCT INFORMATION SHEET (CLASS 1)

Product Name:

EXPOL ThermaSlab Edge (XPS) Sheet

Product Description and its intended use:

EXPOL ThermaSlab Edge (XPS) Sheet is available in a range of:

- Sizes (300mm x 2500mm and 400mm x 2500mm).

EXPOL ThermaSlab (XPS) Sheet is available:

- Uncoated,
- Coated with a water-based, water-proof resin.

EXPOL ThermaSlab Edge (XPS) Sheets are suitable for retro-fit slab insulation in:

- Slab-on-grade slabs,
 - Rib-raft slabs
-

Product Identifier:

- ***EXPOL ThermaSlab Edge (XPS) Sheet***
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Place of Manufacture:

- New Zealand
- Overseas
-

For further technical information please contact us.

P: +64 9 634 3449 F: +64 9 634 0756 T: 0800 86 33 73 E: tech@expol.co.nz W: www.expol.co.nz



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Legal and trading name of the manufacturer (s):

Feininger (Nanjing) Energy Saving Technology CO., Ltd.

Address for Service:

2 Zhonglin Road, Tangshan Industry Area, Nanjing City, China

Website:

www.feiningercn.com

Email address:

market@feininger.cn

Phone No.:

0086 25 6815 3668

NZBN:

N/A

Legal and trading name of the importer:

EXPOL Limited

Address for Service:

105 Captain Springs Road

Onehunga

AUCKLAND 1061

Website:

www.expol.co.nz

Email address:

tech@expol.co.nz

Phone No.:

0800 86 33 73

NZBN:

9429040411026

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Relevant Building Code Clauses:

- Clause **B2 Durability**, performance **B2.3.1 (a), B2.3.1(b)**,
 - Clause **E3 Internal moisture performance E3.3.1**,
 - Clause **F2 Hazardous building materials performance F2.3.1**,
 - Clause **H1 Energy Efficiency, Performance H1.3.1 (a) and H1.3.2 E.**
-

Statement on how the building product is expected to contribute to compliance:

- Clause **B2 Durability, performance B2.3.1 (a), B2.3.1(b): EXPOL ThermaSlab Edge (XPS) Sheets** have a durability of at least 50 years where transported, stored and installed correctly.

Refer to the design and installation requirements for further information.

- Clause **E3 Internal moisture performance E3.3.1: EXPOL ThermaSlab Edge (XPS) Sheets** provide thermal resistance where transported, stored and installed correctly.

Refer to the design and installation requirements for further information.

Refer to <https://www.expol.co.nz/resource-centre/?wpdmdl=4221> for product R-values.

- Clause **F2 Hazardous building materials performance F2.3.1: EXPOL ThermaSlab Edge (XPS) Sheet** is an inert, non-toxic material.

- Clause **H1 Energy Efficiency, Performance H1.3.1 (a) and H1.3.2 E.: EXPOL ThermaSlab Edge (XPS) Sheet Sheets** provides thermal resistance where transported, stored and installed correctly.

Refer to the design and installation requirements for further information.

Refer to <https://www.expol.co.nz/resource-centre/?wpdmdl=4221> for product R-values by grade and thickness.

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Limitations on the use of the building product:

Care should be taken to ensure that **EXPOL ThermaSlab Edge (XPS) Sheet** meets the projects requirements for Compressive Resistance and Cross Breaking Strength.

All **EXPOL ThermaSlab Edge (XPS) Sheet** has been tested as follows:

- Compressive Resistance is tested to AS 2498.3
- Cross Breaking Strength has been tested to AS 2498.4

EXPOL ThermaSlab Edge (XPS) Sheet is manufactured at 30mm thicknesses.

Each thickness has its own thermal resistance rating or R-value and as such care should be taken to ensure that the selected thickness meets the projects requirements for thermal resistance.

All **EXPOL ThermaSlab Edge (XPS) Sheet** has been tested as follows:

- Thermal resistance is tested to ASTM C518-04

Thermal resistance testing results are available at <https://www.expol.co.nz/expol-x/>

Design requirements that would support the appropriate use of the building product:

- When transporting, storing or installing, ensure the **EXPOL ThermaSlab Edge (XPS) Sheet** is not exposed to:
 - Petroleum based solvents, or
 - Fire, or
 - Sustained direct sunlight.
 - PVC sheathed electrical cables should not be allowed direct contact with **EXPOL ThermaSlab Edge (XPS) Sheet**.
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Installation Requirements:

- There are no special requirements for PPE when handling or installing **EXPOL ThermaSlab Edge (XPS) Sheet**. It is an inert, non-toxic material.
- When transporting, storing or installing, ensure the **EXPOL ThermaSlab Edge (XPS) Sheet** is not exposed to:
 - Petroleum based solvents, or
 - Fire, or
 - Sustained direct sunlight.

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- PVC sheathed electrical cables should not be allowed direct contact ***EXPOL ThermaSlab Edge (XPS) Sheet***.

- ***EXPOL ThermaSlab Edge (XPS) Sheet*** is compatible with all common construction products.

- For detailed instructions please visit www.expol.co.nz

Maintenance Requirements:

- No maintenance required.

Is the building products/ building product line subject to a warning or ban under section 26 of the Building Act 2004:

Yes

No

If yes, description of the warning or ban under section 26:

N/A

Date

18 / 07 / 2023

Version	Date	Description of changes and person responsible for making changes
1.0	06/07/2023	First draft (Cameron Brooks)
1.1	17/07/2023	Updated naming convention to ThermaSlab Edge
1.2	18/07/2023	Updated, based upon feedback from Mark Mischefski (Cameron Brooks)

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