

# XTRATHERM® Product Health & Safety Information

RIGID POLYISOCYANURATE

## SECTION 1: PRODUCT & COMPANY IDENTIFICATION

**PRODUCT NAME:** PIR Insulation

**SYNONYMS:** PIR

**PRODUCT CODES:** **Thin R:**  
XT/CW Partial Fill Cavity Wall  
XT/CWP Partial Fill Cavity Plus  
XT/TL Thermal Liner (Dot & Dab)  
XT/TL/MF Thermal Liner (Mech Fix)  
XT/TF Timber Frame  
XT/UF Underfloor  
XT/HYF Hyfloor  
XT/SK Sarking  
XT/WALK-R  
XT/PR Pitched Roof  
FR/ALU Flat Roof  
FR/MG Flat Roof  
FR/BGM Flat Roof  
FR/TP Thermal Ply  
TR/MG Tapered Roof  
TR/BGM Tapered Roof  
TR/ALU Tapered Roof

**Xtroliner:**  
XtroWall  
XO/UF Floor: Solid & Suspended  
XO/FB Framing Board  
XO/SK Sarking  
XO/STP Soffit Plus  
XO/PR Pitched Roof

**CavityTherm:**  
CT/PIR Cavity Therm

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## SECTION 2: HAZARDS IDENTIFICATION

No identified hazards

## SECTION 3: PRODUCT COMPOSITION

**CORE:** Rigid thermoset urethane insulation (PIR) ref EN 13165

**PRODUCT FACINGS:** Laminate of foil/paper  
Kraft paper  
Mineral coated glass  
Bitumen coated glass  
WBP exterior grade plywood  
Gypsum plasterboard  
Resistant Magnesium Silicate

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## RIGID POLYISOCYANURATE FOAM

### **SECTION 4: FIRST AID MEASURES**

<b>INHALATION:</b>	Dust is non-hazardous. If dust is inhaled, person should get some fresh air
<b>EYES:</b>	Dust should be removed by flushing with water
<b>SKIN:</b>	Non-sensitizing. When MG & BG are handled, some skin irritation may occur due to glass fibres Ensure good hygiene is followed, after handling ensure skin is washed using soap/proprietary cleanser
<b>INGESTION:</b>	No information available
<b>OTHER:</b>	Seek medical attention if discomfort persists

### **SECTION 5: FIRE-FIGHTING MEASURES**

<b>EXTINGUISHING MEDIA:</b>	Water-Spray (Fog), Foam, CO <sup>2</sup> , Dry Powder
<b>FIRE AND EXPLOSION HAZARDS:</b>	None Identified Fire fighters should use SCBA gear. Burning foam should be saturated with water. Dust classification St Class 1 (weak explosion potential)

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Not Applicable

### **SECTION 7: HANDLING AND STORAGE**

Products should be stored off the ground, on a clean, flat surface and under cover.  
Products should be stored in a location free from ignition hazards and direct radiant heat.  
The polythene wrapping is not considered adequate protection for outdoor storage.  
It is recommended that suitable PPE to be used in the handling and cutting of these materials.  
To reduce dust it is recommended to use a trimming knife rather than a saw when cutting boards.

### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>RESPIRATORY PROTECTION:</b>	Dust is non-hazardous. Dust from plasterboard / plywood facings may cause respiratory irritation. It is recommended that a dust mask is worn when cutting. In confined areas it is recommended that extraction is used when mechanical cutting is being performed.
<b>HANDS :</b>	It is recommended that gloves are worn when handling product
<b>EYE PROTECTION:</b>	Eye protection is recommended during mechanical cutting. In bright sunlight, it is recommended to wear UV glasses when installing ALU/MG products
<b>SKIN PROTECTION:</b>	Non- sensitizing. To reduce the risk of cut hazard from edges of board it is advisable to wear general purpose gloves. In bright sunlight it is recommended to wear UV skin protection when installing ALU/MG products
<b>OTHER:</b>	This product is non-load bearing. The facings on ALU faced products can be slippery underfoot when wet

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### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Cream/ Buff coloured foam : either foil, mineral glass, bitumen, gypsum, timber, magnesium silicate facings.
<b>ODOUR:</b>	Slight, non-offensive smell
<b>pH :</b>	Neutral
<b>FLASH POINT:</b>	Not Applicable
<b>MELTING POINT:</b>	Not Applicable
<b>FREEZING POINT:</b>	Not Applicable
<b>PRODUCT DENSITY:</b>	32kg/m <sup>3</sup>
<b>SOLUBILITY IN WATER:</b>	Not Soluble

### **SECTION 10: STABILITY AND REACTIVITY**

Product is stable and un-reactive under normal usage.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

Polyisocyanurate board is non-toxic and non-irritant.

### **SECTION 12: ECOLOGICAL INFORMATION**

Product is inert and stable in water and soil.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste is non- hazardous  
Waste product & packaging should be disposed of in accordance with local laws and regulations.

### **SECTION 14: TRANSPORT INFORMATION**

Read section 7 in conjunction with this section  
Ensure load is secure before/during transit  
Use mechanical lifting equipment when moving bulk quantities

### **SECTION 15: REGULATORY INFORMATION**

Not Applicable

### **SECTION 16: OTHER INFORMATION**

The information given in this sheet is based on our current knowledge of the product.  
It is given in good faith and refers only to those products named in this document.  
Xtratherm with-hold the right to update and amend this document as necessary  
The information should not be taken as a guarantee of performance.  
Users should conduct their own assessment and make applicable staff aware accordingly.  
For further assistance contact XtrathermTechnical Department.