

XTRATHERM® Product Health & Safety Information

RIGID POLYISOCYANURATE FOAM

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Rigid Polyisocyanurate Foam Insulation

SYNONYMS: PIR Foam

PRODUCT CODES: **Thin R:**
XT/CW Partial Fill Cavity Wall
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:
XO/CW Partial Fill Cavity Wall
XO/UF Floor: Solid & Suspended
XO/FB Framing Board
XO/RS Rainscreen
XO/ST Soffit
XO/STP Soffit Plus
XO/PR Pitched Roof

Thin-R Plus:
XT/CWP Partial Fill Cavity Plus
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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SECTION 4: FIRST AID MEASURES

INHALATION:	Dust is non-hazardous. If dust is inhaled, person should get some fresh air
EYES:	Dust should be removed by flushing with water
SKIN:	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
INGESTION:	No information available
OTHER:	Seek medical attention if discomfort persists

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water-Spray (Fog), Foam, CO ² , Dry Powder
FIRE AND EXPLOSION HAZARDS:	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

RESPIRATORY PROTECTION:	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.
HANDS :	It is recommended that gloves are worn when handling product
EYE PROTECTION:	Eye protection is recommended during mechanical cutting. In bright sunlight, it is recommended to wear UV glasses when installing ALU/MG products
SKIN PROTECTION:	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
OTHER:	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

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