

Technical Data

Sheet

Product Name:

XTHERM Blue

Description:

XTherm Blue is a premium product for the insulation of timber-framed, steel-framed and masonry buildings. XTherm Blue is a high-performance, extruded, closed cell rigid foam board insulation with high compressive strength

Typical Uses:

- Insulated overlay to masonry buildings
- Insulated substrate over timber/steel framed buildings

Expectation:

The unique structure of extruded styrene (XPS) creates rigidity. An inert, rigid foam product does not settle, or take up moisture over time, thus ensuring the Thermal performance or R-value for the life of the building. It is impervious to water-related damage and deterioration, making it the perfect material for areas that are damp on a regular basis.

Technical Data:

| | |
|--|------------------------------|
| Typical thicknesses: | 50mm |
| Board density | 34 kg/m ³ |
| Thermal Conductivity | 0.030 W/mK (Average 25°) |
| Declared Thermal Resistance R-Value (m ² K/W) | 50mm - R1.67 |
| Compressive Strength | 288KPa |
| Moisture Permeability | 1.8 Ng/(msPa) (23°, RH50%) |
| Water Absorption | 0.6% (96 hours) |
| Dimension Stability (L,W,T) | 1.5% (70°, 48hours) |
| Fire | Complies with AS 2122.1-1993 |

Surface Preparation:

If the substrate has been left exposed to UV / sunlight for more than two weeks, dust and

dirt may build up on the surface, the surface may also discolour (yellow) you must remove all surface dust, oxidisation, and other contaminants. Use a rasp or a stiff broom to prepare the substrate

Application:

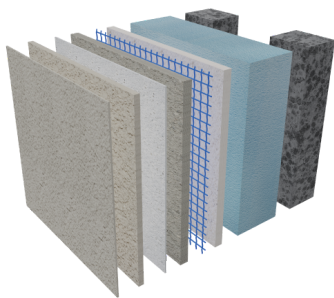
Check using a straight edge to ensure the wall is flat, plumb and true. Any irregularities should be taken out by straightening using a rasp.

The Render coating is not designed to straighten deviations which exceed the specified Resene Construction Systems Render System thickness.

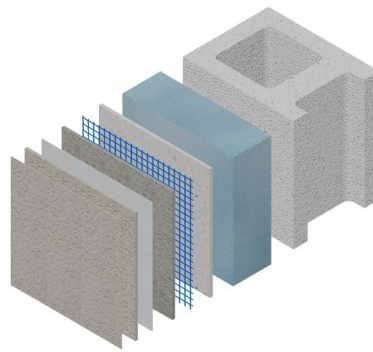
Environmental and Safety:

Ensure styrene does not enter waterways. Contain in bags to ensure loose material is not blown away. There are currently many locations around the country that provide access to recycling services. Many of these recycling providers also offer pick up and drop off services, to ensure you can recycle hassle-free. They are also committed to environmentally sound recycling processes and ensuring that styrenes can be recycled and reused many times over. XTHERM is 96% air.

Typical coating configuration



Timber/Steel framing



Masonry overlay