

## **WALL INSULATION BOARD**

CAVITY WALL | PRECAST | CONTINUOUS EXTERIOR INSULATION



ThermalStar Wall Insulation Board

Insulation is a vital component of a building's envelope. For building designers requiring the highest quality rigid insulation, ThermalStar<sup>®</sup> Rigid Insulation provides unmatched quality, with a stable long term R-value that will last the lifetime of your structure. Manufactured under an industry leading quality control program monitored by UL and ICC-ES, ThermalStar Rigid Insulation meets or exceeds ASTM C578 standards, providing an HFC free, recyclable rigid insulation with a low Global Warming Potential (GWP).



**MULTIPLE THICKNESSES**



**STABLE, LONG TERM R-VALUE**



**SUPERIOR DRYING POTENTIAL**



**ENVIRONMENTALLY FRIENDLY**



**LIMITED LIFETIME WARRANTY**

## PHYSICAL PROPERTIES

See *Insulation Board Tech Data Sheet* for a full listing of the physical properties.

For applications requiring a higher R-value per inch, please see *Insulation Board GPS Tech Data Sheet*.

| PRODUCT NAME                    | ASTM C578 TYPE | COMPRESSIVE STRENGTH | R-VALUE PER INCH @75°F |
|---------------------------------|----------------|----------------------|------------------------|
| ThermalStar Insulation Board 10 | Type I         | 10 PSI               | 3.9                    |
| ThermalStar Insulation Board 13 | Type VIII      | 13 PSI               | 3.9                    |
| ThermalStar Insulation Board 15 | Type II        | 15 PSI               | 4.2                    |
| ThermalStar Insulation Board 25 | Type IX        | 25 PSI               | 4.4                    |



CAVITY WALL



PRECAST



CONTINUOUS EXTERIOR INSULATION

## BENEFITS

- ThermalStar Insulation Board is available in multiple standard thicknesses, ranging from 1/2" up to 4". Other thicknesses available upon request.
- The thermal properties of ThermalStar Insulation Board do not degrade over time, allowing the R-value to remain stable over the life of the structure.
- ThermalStar Insulation Board has high water vapor permeability so it allows for moisture to dry quickly in wall assemblies.
- The insulating cells of ThermalStar Insulation Board simply contain air, providing an environmentally friendly solution with a low global warming potential (GWP) and zero ozone depletion potential (ODP).
- ThermalStar Insulation Board is backed by a limited lifetime warranty for physical and thermal performance. See separate ThermalStar warranty for terms and conditions.

## APPLICATIONS

- Cavity Wall
- Precast
- Continuous Exterior Insulation
- General Use

*\*See separate ThermalStar Brochures for EIFS and T&G applications.*

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