SUMMIT XPS INSULATION BOARD

Keep a stable and comfortable temperature indoors by installing Summit XPS insulation board. This smart, simple technology reduces your energy use and carbon footprint, requires no maintenance and lasts the lifetime of your building. Fire Rating and Tipsasa accreditation.

Guidelines for Summit XPS Insulation Board usage

- Summit XPS insulation board is a bulk insulator, used to prevent the transfer of heat through conduction and convection.

- The greater the thickness the more insulation Summit XPS board will provide.

- All other factors being equal, temperatures will be more stable in better-insulated buildings.

- Different climatic regions require different insulation interventions to achieve similar levels of comfort (as well as legal compliance).

- Summit XPS board is a thermal insulation solution, and it should not be used in isolation as a sound barrier. Consult a noise reduction system specialist.

Storage, Handling and Installation

- Store Summit XPS insulation board in original packaging, out of the sun and weather elements. Handle with care to prevent damage to edges.

- Always paint Summit XPS insulation board in applications where direct or reflected sunlight will fall on it, to protect it from UV rays (which accelerate the ageing process).

- If painting, use two coats of good-quality water based matt PVA paint. The first coat should be an acrylic filler coat to cover minor surface indentations and imperfections.

- If leaving it unpainted, wipe Summit XPS insulation board with a cloth soaked in a softened water solution immediately prior to installation to remove static charges from the board's surface.

Insulation Board Properties

- Density = 35-37kg/m^3

- Compressive Strength = 310-360 kpa

- Water Absorption = 0.5% by volume

- Coefficient of Linear Thermal Expansion = 0.049mm per m per °C

- Dimensional stability = <1.0%

- Thermal Conductivity = 0.030W/mK

- Combustibility and Flame Spread = B/B1/2/H&V / (SPR & UNSPR)

To fix Summit XPS insulation board between existing trusses, rafters and battens, the following recommended clips and adhesives should be used for nail-up ceilings:

- CLIP_SUM_0001 – Clip Summit XPS (500ea)
  And
- GLU_SUM_0001 – Glue 280ml Summit XPS **OR**
- GLU_SUM_0002 – Glue 1 Litre Summit XPS **OR**
- GLU_SUM_0003 – Glue 5 Litre Summit XPS

Please contact our Trading Cape Town Branch for more information.