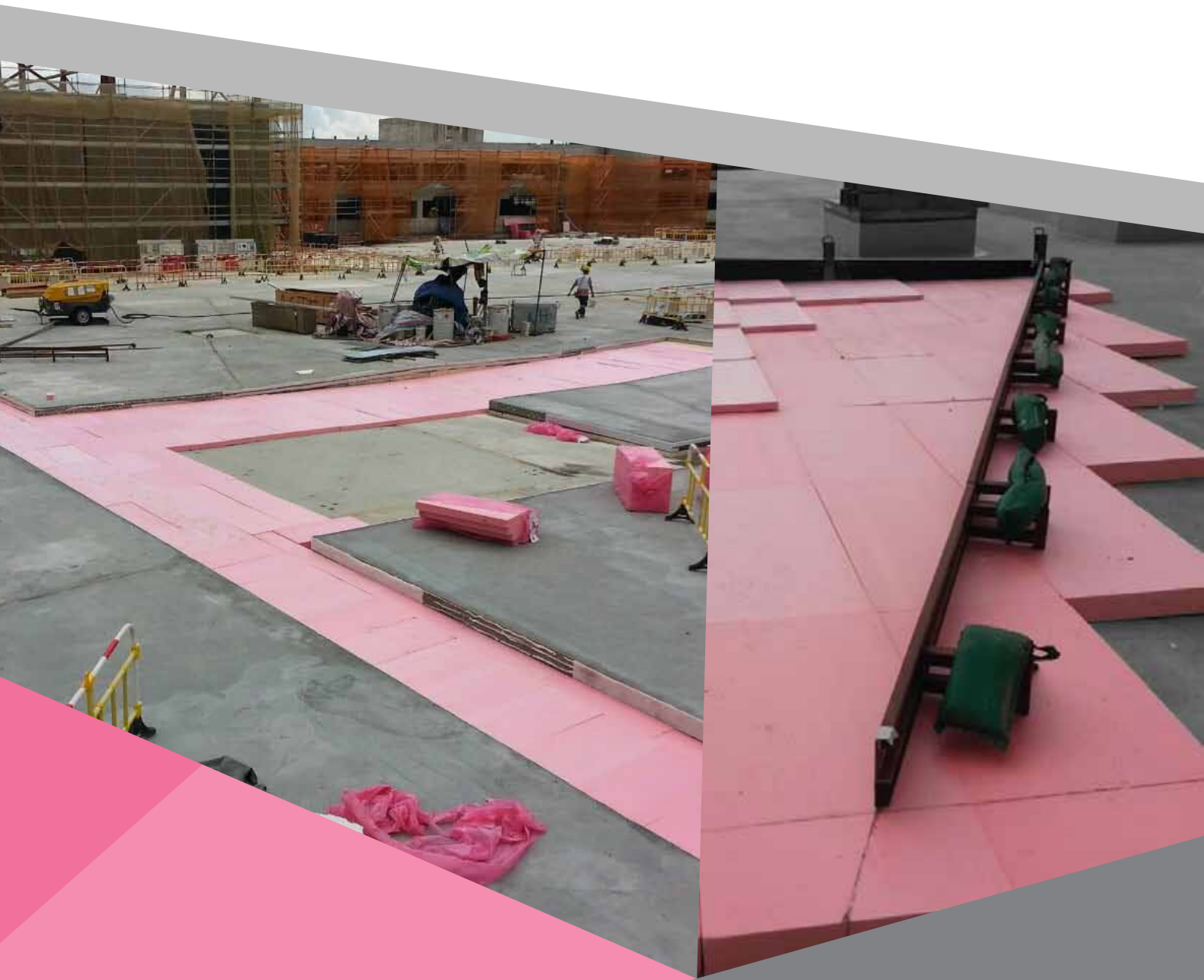






REALFOAM is a rigid, high performance, extruded polystyrene and closed-cell cores board for insulation. The cells have consistent thickness without any voids inside and thus **REALFOAM** gives a lightweight, high insulating abilities, excellent moisture resistance and high compressive strength for the long-term and permanent uses.

BENEFITS



Valued-Added in Thermal Efficiency

REALFOAM gives a smooth and even surface to the external finish which helps to provide a High Value of Thermal Insulation for energy savings and thus saving the world.

Excellent Ability to Moisture Resistance

The closed-cell structure of REALFOAM gives the boards structurally stable that make it practically have the minimal moisture absorption ability in the circumstances of leakage or condensation, etc...

Superior Compressive Strength

REALFOAM also provides variety ranges of compressive strength to withstand different construction difficulties and thus provides wider selections in many challenges.

Thermal Insulation Ability

REALFOAM provides an excellent performance of insulation with age-quoted performance values.

Moisture Absorption

REALFOAM provides a good resistant ability to the moisture attack and thus can be laid against the wetted concrete with minimal impacts on the board performance.

Compressive Resistance

All materials will be transformed under applied loads. REALFOAM has high resistance to compressions and allows withstanding both static and live loads in the long-term occasions.



Environmental Friendly

During the production of our REALFOAM boards, no harmful gases such as CFC & HCFC are used which leads to ZERO OZONE DEPLETION and thus save our community.

Variety of Selections

REALFOAM provides a wide range of technical selections to assist your construction challenges. In additions, our REALFOAM also provides two types of edge design (Square Edge & Shiplaped) to suit for your different requirements.

HANDLING, STORAGE & PRECAUTIONS



All our REALFOAM are well-packed and covered by polythene bags with clearly identified labels in each bag. The lightweight property gives the workers easy to transport and handle. As the board itself is non-irritant, no special protective clothing is required during the boards' installation.

However, the boards can not be left exposed to prolonged sunlight which results in surface degrading. After the boards are delivered to site level, it is recommended to place in a shelter place or simply covered by light-colored canvas. In additions, ensure the boards are not stored close to open flame or other ignition source, also avoiding volatile compounds and chemicals such as solvents.

REALFOAM is available for thermal insulation in different areas such as building exterior / interior walls, ceilings, floors, cold storage, PRMA (Protected Roof Membrane Assemblies) and civil construction.

PRMA (Roof Applications)

REALFOAM retains the insulation ability in the presence of water and has high strength suitable for the use in both walking and vehicle traffic surfaces. The waterproofing membranes are laid directly to the roof deck and the thermal insulation which consist the combinations of strength and very low moisture absorption. PRMA can be used in different concentrations such as:

- Offices
- Retails or Industrial Developments
- Schools, Hospitals and other Public Developments
- Green Roofs / Landscaping Areas
- Roof Terraces and Patio Areas
- Roof Top Car Parks

Interior / Exterior Walls Insulation

REALFOAM can serve as a suitable base for cementitious coatings over both new and existing building sidewalls and thus upgrading the thermal performance of the walls. In additions, REALFOAM also provides an even surface for the applications of the wall finishes.

Cold Storage

REALFOAM provides an excellent moisture resistance property to perform efficiently in cold storage applications by maintaining its high thermal value in the presence of high vapor pressure and liquid water.

Cavity Walls

REALFOAM provides low moisture with high thermal resistance properties to allow the traditional type of construction between two walls.



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