

INSULATOR PS50X

Heat Insulation System

GENERAL DESCRIPTION

AXEL INSULATOR PS50X is a chemically extruded lightweight thermal insulation board made of polystyrene combining with additives which forms an excellent thermal resistant insulation properties with high compression strength, lower water absorption rate, low coefficient of thermal conductivity and low vapour permissions to walls and roof.

RECOMMENDED USES

- * Metal Beam Encapsulation
- * Metal or Concrete Roofing
- * Wall Structure
- * Air Conducting Encapsulation
- * Cold Room

CHARACTERISTICS & ADVANTAGES

- * Easy installation
- * Economic efficiency
- * Speed of installation
- * Long lasting
- * Light weight
- * Excellent corrosion resistant

COVERAGE

0.72m² / pcs @ 50mm thickness

COLOURS

Light Pink

PACKING

600mm x 1200mm x 500mm / pcs

(Refer Axel Technical Support Division for special thickness)

STORAGE

Store in a dry, cool and shaded place



SURFACE PREPARATIONS

The substrate shall be free from all dirt and grime. Remove all loose particles and all uneven mortar with pressure jet. Allow surface to be clean and dry before proceeding with installation.

METHOD OF APPLICATION

The method of installation is dependable on the design criteria. For more information, please contact Axel Technical Support Division.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened and or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of component	One	
Density	32-36 kg/m ³	ASTM 1622
Compression Strength	≥250 kpa	ASTM 1621
Water Absorption	0.10 – 0.35 % (v/v)	ASTM C272
Tensile Strength	45-75 psi	
Thermal Conductivity	≤0.028 W/mk°	ASTM C518
Flammability	Class 94HB	UL94
Dimensional Stability	≤2.0 %	
Length Dimension	1200, 1800, 2400 mm	
Width Dimension	600, 900, 1200 mm	
Thickness Dimension	20, 25, 30, 40, 50, 60, 75, 100 mm	
Edge Profile	Square edge	

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

The above data is provided in good faith and to the best of our knowledge. However, since application and services conditions are beyond our control, we do not accept liability relating to coverage, performance and injury arising from the use of our products based on the data. Further with the constant advancement of technology we reserve the right to modify data without prior notice and we advise that you check with our Axelchem Technical Department at Tel: 603-6276 2118 the validity of these data especially if more than six months have