

## TECHNICAL DATA SHEET

- Jointing Systems
- Polythene Builders Film
- Formwork
- Formworking Accessories
- Nails
- Tie Wire
- Loop Ties
- Waterproofing

## EPS Underslab Insulation

### DESCRIPTION

EPS (Expanded Polystyrene) Foam sheet is a cost effective, high performing insulation panel for slab on ground construction. The light weight foam sheet is easy to install and creates a thermal barrier to reduce heat loss from the slab. EPS Foam sheets are available in two different densities depending on application.



### FEATURES

- Lightweight & Easy to Handle
- High Compressive Strength
- High Thermal Resistance
- Durable and Long Lasting
- Cost Effective
- Australian Made

### STANDARD DENSITY OR HIGH DENSITY

Set-Up EPS foam sheets are cut to 2400 x 1200mm sheets in a range of thicknesses and two types; standard or high density.

**Standard Density** - has a compressive strength of 70kPa and is ideal for residential and some commercial applications. Due to the lower density, standard sheets also have a lower thermal resistance than high density sheets.

**High Density** - has a compressive strength of 185kPa and is ideal for high load applications or where a greater thermal resistance is required.

Continued over page.

## PHYSICAL PROPERTIES

Property	Standard	High (Pro)
Density	13.5kg/m <sup>3</sup>	32kg/m <sup>3</sup>
Sheet Size	2400x1200mm	
Nominal Thermal Resistance	30mm - R0.78	
	40mm - R0.92	40mm - R1.15
	50mm - R1.1	50mm - R1.45
	60mm - R1.35	
	70mm - R1.7	
Compressive Strength	70kPa	185kPa
Pack Qty	30mm - 15 Sheets	
	40mm - 12 Sheets	40mm - 12 Sheets
	50mm - 10 Sheets	50mm - 10 Sheets
	60mm - 8 Sheets	
	70mm - 7 Sheets	
Weight Per Sheet	30mm - 1.2kg	
	40mm - 1.6kg	40mm - 2.95kg
	50mm - 2.0kg	50mm - 4.60kg
	60mm - 2.4kg	
	70mm - 2.8kg	

# set-up

## TECHNICAL DATA SHEET

P: 1300 ALLCON (255 266)  
E: sales@allcongroup.com.au

[www.allcongroup.com.au](http://www.allcongroup.com.au)

Set-Up products are manufactured to the highest quality, and if used in the correct applications and in accordance with all directions, will produce quality and consistent results. However Allcon Group Pty Ltd accepts no responsibility for inappropriate usage or faulty workmanship by the end user.

Product: Set-Up EPS Foam Insulation  
Issue Date: Nov 2025