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METAL PROFILES BY **RONDO**

## Extruded Polystyrene Foam Technical Datasheet

### Description

Extruded Polystyrene Foam (XPS), is a rigid thermal insulation board with skin and has closed cells with common sides. They are produced on a continuous, fully automated extrusion process, in accordance with international specifications and standards. XPS tends to have a high resistance to water absorption. The manufacturing process, combined with intrinsic qualities of the static component of thermo plastic material, gives XPS predictable performance and high insulating value.

### Primary Data

<b>Drywall Product</b>	Extruded Polystyrene Foam
<b>Drywall System</b>	Applicable for Partition & Liner Systems
<b>Packing (M)</b>	Slabs of 1.25 x 0.60
<b>Standard Compliance</b>	ASTM C 578

### Technical Data

<b>Standard Thickness (mm)</b>	50 (Other sizes available as per order)
<b>Density (Kg/ m<sup>3</sup>)</b>	32-35
<b>Thermal Conductivity (W/ m.K)</b>	0.03
<b>Water Absorption by Submersion</b>	< 1 % by volume



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## Glass Wool Technical Datasheet

### Description

Glass Wool is a dimensionally stable light weight insulation material manufactured from stable glass fibres bonded with thermosetting resins. Due to its resilience, it readily recovers to its nominal thickness after the removal of a normal compressive load. It is rot proof, odourless, non-hygroscopic and will not sustain vermin or fungus.

### Primary Data

<b>Drywall Product</b>	Glass Wool
<b>Drywall System</b>	Applicable for all Drywall Systems
<b>Packing (M)</b>	Rolls of 1.20 x 20
<b>Standard Compliance</b>	ASTM C 167, 168, 177 and more ... BS 476 (parts 4, 6 & 7), 874, 2972 and more ... ISO 354, 8301 8302 and more ...

### Technical Data

<b>Standard Thickness (mm)</b>	50, 75, 100 (Other sizes available as per order)
<b>Density (Kg/ m<sup>3</sup>)</b>	12, 16, 24
<b>Composition</b>	Thermosetting Resin Bonded Glass-Fibre Blanket
<b>Permanence</b>	Non Hydroscopic, Rot Proof
<b>Fire Safety</b>	Non-Combustible, Flame Spread : <25, Smoke developed: <50



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## Rock Wool Technical Datasheet

### Description

Rock Wool is a stable insulation material manufactured from various types of diabase rock, mainly basalt of specific predetermined chemical compositions, which is melted at super high temperature in a technically advanced but simple process. The resulting natural silicate is drum spun at very high speeds to produce 'hair-fine' inert fibres that are bonded together with a special thermosetting resin and impregnated with special additives.

### Primary Data

<b>Drywall Product</b>	Rock Wool
<b>Drywall System</b>	Applicable for all Drywall Systems except Cinema System
<b>Packing (M)</b>	Slabs of 1.20 x 0.60
<b>Standard Compliance</b>	BS 874 : 1986- For Thermal Conductivity BS 476: (parts 4), For Fire

### Technical Data

<b>Standard Thickness (mm)</b>	50, 75, 100 (Other sizes available as per order)
<b>Density (Kg/ m<sup>3</sup>)</b>	40, 48
<b>Fire Safety</b>	Non-Combustible, Flame Spread