



**The House of Poly**

## Expanded Polystyrene Densities and Applications.

Expol Ltd. manufactures a number of different densities and it is important that the correct density is supplied for the particular application. The following is a list of the densities that Expol Ltd. manufactures and some of their intended applications.

<b>Density.</b>	<b>Specifications.</b>	<b>Applications.</b>
<b>DB</b> Grade.	100% Recycled Material.	Drainage board for behind retaining walls. ( Expol Styro-Drain.)
<b>Insulation</b> Grade.	50% Recycled./ 50% Virgin.	Wall / Ceiling / Underfloor Insulation. ( Expol Insulation.) This grade is also used in the construction of Rib-Raft Floors.
<b>SL</b> Grade.	12kg per cubic metre.	Soft Packaging grade.
<b>S</b> Grade.	16kg per cubic metre.	Most commonly used grade for : Packaging / Exterior Cladding / Under concrete floor insulation / Architectural Shapes / Moldings / Columns / Displays / General.
<b>M</b> Grade.	20kg per cubic metre.	Geo foam / Landfill / Form Work Bridge Abutments / Spa pool covers / Sign work.
<b>H</b> Grade.	24kg per cubic metre.	Some exterior cladding systems / Ext. Signs / Between concrete slabs / Packaging.
<b>VH</b> Grade.	32kg per cubic metre.	Specialist applications. Very high density.

For any further assistance regarding the grade of polystyrene which is best suited for your particular application please phone our sales team for more technical information.