



# ISOVER TECHNICAL SLABS

(density 16kg - 48kg)

Thermal and acoustic solutions for OEM applications

Isover Technical Slabs provide thermal and acoustic performances ideal for Original Equipment Manufacturers (OEM). These unfaced slabs are available in a variety of densities, thicknesses and dimensions and are easy to handle, cut and install.



## Features and Benefits



### Thermal performance

Isover Technical Slabs can be used as part of a solution to meet UK thermal building regulations.



### Acoustic performance

Isover Technical Slabs can be used in a wide variety of applications from their use in suspended ceilings to their use on services (reducing noise break-out levels as part of a noise reduction system), due to the natural sound wave damping effect that glass mineral wool possesses.



### Ease of installation

Isover Technical Slabs are lightweight and offer maximum flexibility and compressive strength, enabling fast and efficient cutting and fitting.



### Fire classification

Isover Technical Slabs have Euroclass A1 fire rating when classified with BS EN 13501-1.





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## Product Specification

Product Name	Product Code	Thickness (mm)	Width (mm)	Length (mm)	Batts per pack	Pack area (m <sup>2</sup> )	Packs per pallet	Pallet area (m <sup>2</sup> )
Isover Technical Slab TS16	5200625482	50	600	1200	16	14.4	16	230.4
Isover Technical Slab TS16	5200625514	75	600	1200	16	11.52	16	184.32
Isover Technical Slab TS16	5200625484	100	600	1200	10	7.2	20	144
Isover Technical Slab TS24	5200625486	40	600	1200	16	14.4	16	230.4
Isover Technical Slab TS24	5200625488	50	600	1200	16	11.52	16	184.32
Isover Technical Slab TS24	5200625490	75	600	1200	10	7.2	20	115.2
Isover Technical Slab TS32	5200625492	25	600	1200	20	14.4	16	230.4
Isover Technical Slab TS32	5200625494	40	600	1200	12	8.64	16	138.24
Isover Technical Slab TS32	5200625496	50	600	1200	10	7.2	16	115.2
Isover Technical Slab TS32	5200625498	75	600	1200	8	5.76	16	92.16
Isover Technical Slab TS32	5200625500	100	600	1200	6	4.32	12	51.84
Isover Technical Slab TS48	5200625502	25	600	1200	16	11.52	16	184.32
Isover Technical Slab TS48	5200625504	50	600	1200	8	5.76	16	92.16
Isover Technical Slab TS48	5200625506	75	600	1200	6	4.32	16	69.12

## Thermal Conductivity

Technical Slab	TS16	TS24	TS32	TS48
Mean temp °C	10	10	10	10
Declared thermal conductivity (W/mK)	0.038	0.036	0.033	0.032



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## Characteristic & Description

Characteristic	Description
Application fields	Thermal Insulation for Buildings. Factory made glass mineral wool thermal products.
Thermal	All Isover products are manufactured under BS EN 13162:2012 and 13172:2012 for factory made mineral wool products.
Fire Classification	Euroclass A1
Environmental standards	All Isover products are manufactured under Environmental Management System – ISO 14001:2004. Zero ODP (Ozone Depletion Potential), GWP < 5 (Global Warming Potential). The manufacturing process does not use or contain CFC's, HCFC's or other damaging gases.
BRE statements	Isover TS16 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 12 kg/m <sup>3</sup> ' ref 815320001. Isover TS24 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 24 kg/m <sup>3</sup> ' ref 815320002. Isover TS24 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 24 kg/m <sup>3</sup> ' ref 815320002. Isover TS48 correspond to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 48 kg/m <sup>3</sup> ' ref 815320004. All of the above achieve a summary rating of A+ within Domestic, Health, Industrial, Commercial, Retail, Education. NB: The density stated above is part of a generic BRE classification and does not reflect the exact specification of the product.
Quality standards	All Isover products are manufactured under Quality Management System – ISO 9001:2008. All Isover TS Slabs are manufactured under BS EN 13162:2012 and 13172:2012 for factory made mineral wool products.
Thickness Class	T3
Building regulations	Helps to meet the requirements of UK thermal building regulations.
Recycled content/ sustainability	Isover glass mineral wool insulation is manufactured from up to 86% recycled glass that would otherwise go to landfill. This makes Isover one of the most environmentally sustainable insulation products on the market today.
Durability	No change in reaction to fire properties for mineral wool products. <ul style="list-style-type: none"><li>• The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.</li><li>• Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air. (See std EN13162:2012 Annex ZA, Table ZA.1).</li><li>• Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air. (See std EN13162:2012 Annex ZA, Table ZA.1).</li><li>• Will not sustain vermin, nor breed or promote fungi or bacteria.</li></ul>



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## Characteristic & Description (continued)

Characteristic	Description
Handling & storage	Isover products are supplied fully palletised, offering the following benefits: <ul style="list-style-type: none"><li>• Weatherproof packaging for outside storage.</li><li>• Reduced haulage costs.</li><li>• Less handling therefore less damage.</li><li>• Reduced storage space.</li><li>• Packs remain clean and in good condition.</li><li>• Faster loading, unloading and counting.</li></ul>
Health & safety	A Material Safety Data Sheet can be obtained from the Isover website. <ul style="list-style-type: none"><li>• Our REACH statement can be found at <a href="http://www.isover.co.uk">www.isover.co.uk</a></li></ul>
Certification	CE marked (1121-CPR-BA0053) to BS EN 13162:2012 BS EN 13172:2012. <ul style="list-style-type: none"><li>• Designation Code: MW EN13162 T3.</li></ul>
External applications	Isover products are suitable for external applications when used with an appropriate weatherproof jacketing system.



**SAINT-GOBAIN**

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