

Tech Specs

all specs for 100mm thickness panel

	EPS70E	PIR	Mineral Wool
	polystyrene	Polyisocyanurate	Rockwool
Description	CFC free expanded polystyrene	Rigid Foam CFCfree/ODP=zero	Stonewool slab predominantly vertical fibre orientation
Thermal conductivity	0.037 W/mK	0.022 W/mK	0.042 W/mK
Compressive Stress	70 kPA at 10% compression	210+/-50 kPA ASTMD1521	60 kPA
Water Vapour Transmission	6.9 ngm/Ns	0.5% vol ISO 2896 / ASTMD2842	N/A
Upper Service temperature	<80 deg C	<120 deg C	<250 deg C
Density	16kg/m ³	35kg/m ³	110 kg/m ³
LAMDA rating	Not applicable	Not applicable	0.040 WmK
Fire rating	Flame retardant additive not easily ignitable when tested to BS476 part 5 1979	B2<30 DIN4102	A1 likely when tested to EN ISO1182 & ENISO 1350-1. B2<30 tested to: BS4735
Safe working load	21 kPa		
Width	1200mm	1200mm	1200mm
Length	up to 6000mm	up to 6000mm	up to 6000mm
Thickness	25-200mm	25-200mm	50-200mm
Steel facings	Complete range Plain or mini-rib	Complete range Plain or mini-rib	Complete range Plain or mini-rib
Steel thickness	0.5mm standard	0.5mm standard	0.5mm standard
Stainless or Aluzink available	Yes	Yes	Yes
Protective plastic film	Yes	Yes	Yes
Channels, angles and cappings	To order to match panel steel	To order to match panel steel	To order to match panel steel

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