

54T - Rockwool Trapezoidal Stopping

Date: 19/01/2021

Reference: 10

Issue: 1

Guardian 4 acoustic trapezoid stopping is manufactured using Rockwool Core Slab which gives an acoustic rating.

It is supplied pre cut to shape to suit both metal decking and metal roofing sheet profiles.

TECHNICAL DATA



FIRE

GIS trapezoid stopping core is manufactured from Rockwool slab this is fire rated as EUROCLASS A1 under BSEN13501-1.

ACOUSTICS

When used in conjunction with a roof rated deck or roof sheets for acoustics it can be faced with white or black glass tissue or class O black lantor. When used as a fire and acoustic stopping from underside of sheet on walls or partition tops if air tightness is needed cate with GIS brush coating.

THERMAL

GIS trapezoid stopping is manufactured from Rockwool slab that gives a thermal conductivity of 0.035W/mK. Therefore not creating a cold bridge as required in building regulations. L1A and L2A as well as meeting the Scottish building same standards.

	Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
32kgm ³	40S	0.19	0.46	0.79	0.92	1.00	1.00
	100S	0.57	1.00	1.00	1.00	1.00	1.00
45kgm ³	25S	0.10	0.30	0.58	0.79	0.97	1.00
	75S	0.41	0.93	1.00	1.00	1.00	1.00
	100S	0.71	1.00	1.00	1.00	1.00	1.00
60kgm ³	25S	0.08	0.30	0.62	0.84	1.00	1.00
	75S	0.50	1.00	1.00	1.00	1.00	1.00
80kgm ³	75S	0.53	1.00	1.00	1.00	1.00	1.00
100kgm ³	25S	0.09	0.30	0.75	0.93	1.00	1.00
	50S	0.32	0.91	1.00	1.00	1.00	1.00
128kgm ³	50S	0.34	0.85	1.00	1.00	1.00	1.00
140kgm ³	50S	0.33	0.82	1.00	1.00	1.00	1.00
200kgm ³	50S	0.46	0.79	0.95	0.99	1.00	1.00

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