

# Faced Slab

Date: 04/02/2022

Reference: 40

Issue: 1

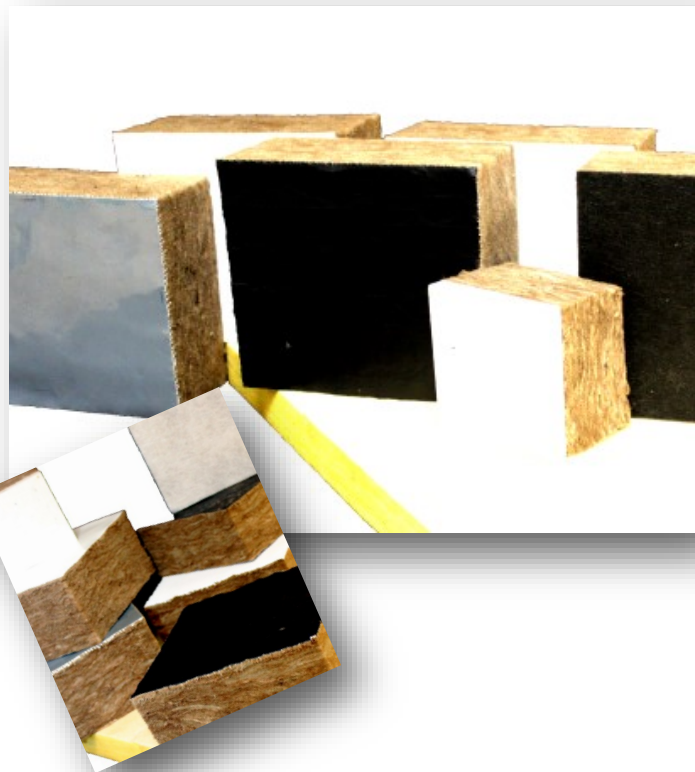


## GIS FACED SLAB

GIS faced slab range is manufactured using with a rock or glass slab core with a range of suitable fire, acoustic and external facings applied to one or two sides or by encapsulating the whole slab.

### FACING OPTIONS

1. Class O foil facing in silver, white or black as standard and red or blue to order.
2. Cladface EXTHD - This is an external facing material in flat white, black or grey as well as a STUC-CO effect with a 10 year external guarantee. Also suitable for clean and hygienic applications.
3. White and black glass tissue face in various weights. 50-120g per m2.
4. Class O acoustic tissue in black or off white.
5. Class 1 kraft paper/plain foil laminate.
6. Plain kraft paper finish.
7. Class O acoustic foam 6mm, 12mm, 20mm or 25mm thick.
8. Rigid plastic sheeting, internal or external grades at 1mm-20mm thickness.
9. Aluminium or steel plain or perforated sheet coated or uncoated.
10. Melinex™ - A clear fire rated film in a range of thicknesses.
11. Canvas facing is available in set colour or dyed in various weights.
12. Colour and patterned cloths to achieve acoustic decorated panels. A wide range is available.
13. Any other product that is required can be sourced and applied to the core slab.



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## CORE SLAB

ECOSE rock slab is the popular cost effective core product, it is available in 32kgm<sup>3</sup>, 38/40kg, 45kgm<sup>3</sup>, 60kgm<sup>3</sup>, 80kgm<sup>3</sup>, 100kgm<sup>3</sup>, 128kgm<sup>3</sup>, 140kgm<sup>3</sup>, 160kgm<sup>3</sup> and 200kgm<sup>3</sup> densities and can be supplied in any thickness from 10mm-300mm (bonded). Standard thicknesses are 25mm, 30mm, 40mm, 50mm, 60mm, 75mm and 100mm (dependant on density).

Glass fibre slab is available in 24kg, 32kg, 48kg and 96kg density to order.

## FIRE PERFORMANCE

Both the rock and glass slabs are fire rated as EUROCLASS A1 under BDEN 13501-1 and tested for fire in various applications.

## ACOUSTIC PERFORMANCE

The core rock slab has the following acoustic capability. This can be enhanced by using a polymeric material in conjunction with the slab, see datasheet for GUARDIAN 4 ACOUSTICS Polymeric Sheet for more information.

## ECOSE™ ROCK SLAB OPTIONS (for Glass Slab Options please ask)

	Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
RS33	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
RS45	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
RS60	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
RS80	75S	0.53	1.00	1.00	1.00	1.00	1.00
RS100	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
RS128	50S	0.34	0.85	1.00	1.00	1.00	1.00
RS140	50S	0.33	0.82	1.00	1.00	1.00	1.00
RS200	50S	0.46	0.79	0.95	1.00	1.00	1.00

Absorption co-efficients - S = Solid backing

Rocksilk Universal Slabs - Made with ECOSE Technology

Preliminary Results - Testing to BS EN ISO 345 at SRL (5th,6th February 2009)

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