Technical Data Sheet

Construction Details

Panels	Twin skin composite acoustic panels manufactured from a goosewing grey plastisol coated external skin and a pre-galvanised sheet inner skin. The cavity will be filled with a medium density Rockwool an faced with tissue.
Framework	Hollow section welded framework, Shot blasted and primer painted.
Roof	Roof panels are to be overlaid with corrugated roof sheet and fully sealed to form a weather membrane
Base	The base steel work shall be designed to handle the operating loads of the equipment to be contained. The outer frame shall be manufactured from a 250x75PFC with 150x75 UB cross members. Ties steel are to be incoprated to ensure minimum deflaction in the base. The based steels are to be overlaid with 4.5mm durbar plate which will be coated with 2 coats of black floor paint.
Doors	Double access door in the end wall. Supplied with ou standard refrigeration "Kason" door closer with internal illuminated pushrod. Standard stainless steel Albert Jagger strap hinges. Each door leaf shall be provided with a single bank acoustic louvre 1000mm x 600mm x 150mm deep. Data sheet attached

Acoustic Panel SRI

Sound Reduction Index							
63	125	250	500	1K	2K	4K	8K
18	22	37	39	48	47	48	40

Acoustic wall construction has been independently tested in accordance with BS EN ISO 140-3: 1995 by Salford Univertsity

Single Bank Acosutic Louvre

Sound Reduction Index							
63	125	250	500	1K	2K	4K	8K
6	9	6	9	14	17	13	12

Acoustic Louvres have been independently tested in accordance with ISO 10140-2: 2010 & ISO 717-1 1997 by ISVR