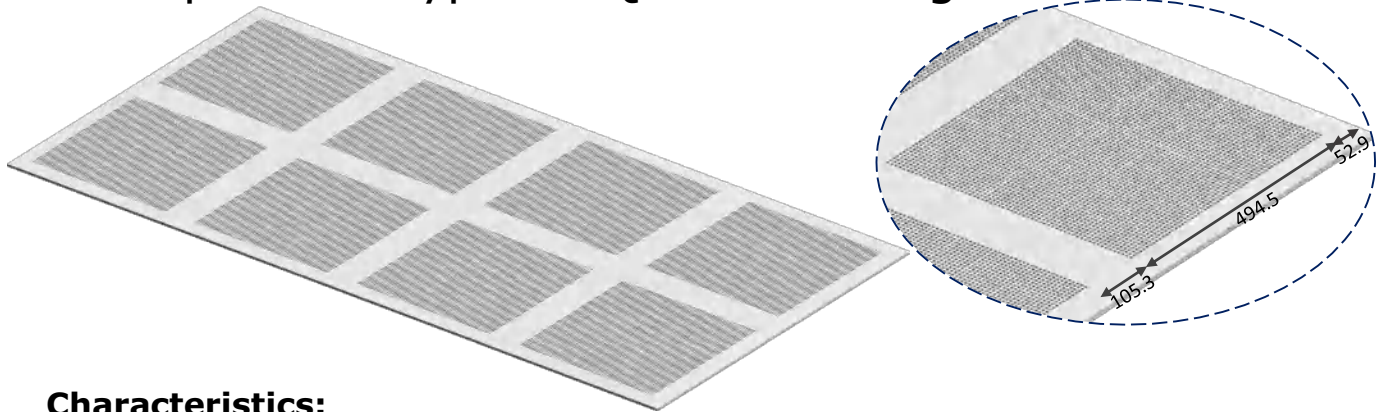


Description: - Gyptone Quattro 71 Big Board



Characteristics:

Gyptone Quattro 71 comprises a 12.5mm gypsum core, with a geometric array of 3mm square perforations. The reverse of the board incorporates an acoustic fleece which provides sound absorption performance. It is a specially formulated Gypsum board with Activ'Air technology.

Physical Properties:

Board Dimensions	: (1200x2400) mm
Board Thickness	: 12.5mm
Board Weight	: Approx. 8 Kg/m ²
Perforation Size	: (3x3) mm square
Perforation Spacing	: 8.33mm CTC
Perforation Area	: 9%
Perforation set size	: (494.5x494.5)mm
Plain border size	: 52.9mm
Centre plain Band	: 105.3mm
Edge type	: All 4 tapered edges
Colour	: Unpainted paper liner (can be painted with an emulsion paint after installation)

NRC:

Method of Measurement – IS:8225/ISO:354/ASTM 423C

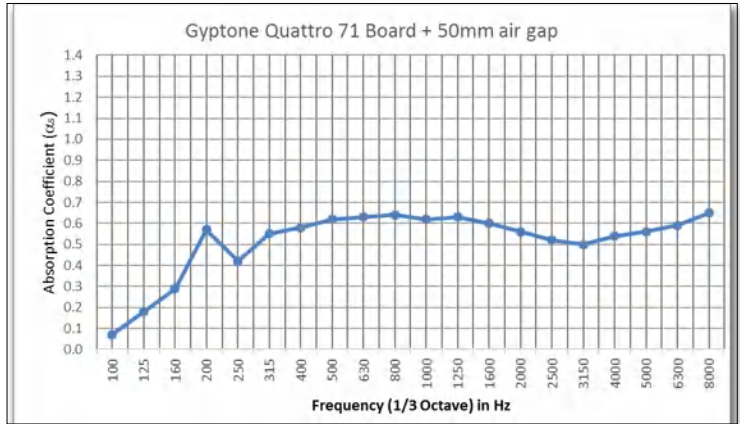
Sr. No.	System (Test Combination)	NRC
1	Gyptone Quattro 71 Board+50mm air gap	0.55
2	Gyptone Quattro 71 Board+50mm Glass wool (Density:24Kg/M3) +50mm air gap	0.65
3	Gyptone Quattro 71 Board+300mm air gap	0.55
4	Gyptone Quattro 71 Board+50mm Glass wool (Density:24Kg/M3) +300mm air gap	0.70

ORIGINAL

1. Gyptone Quattro 71 Board + 50mm air gap

Freq. (Hz)	100	125	160	200	250	315	400	500	630	800
ABS Coeff.	0.07	0.18	0.29	0.57	0.42	0.55	0.58	0.62	0.63	0.64
Freq. (Hz)	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000
ABS Coeff.	0.62	0.63	0.60	0.56	0.52	0.50	0.54	0.56	0.59	0.65

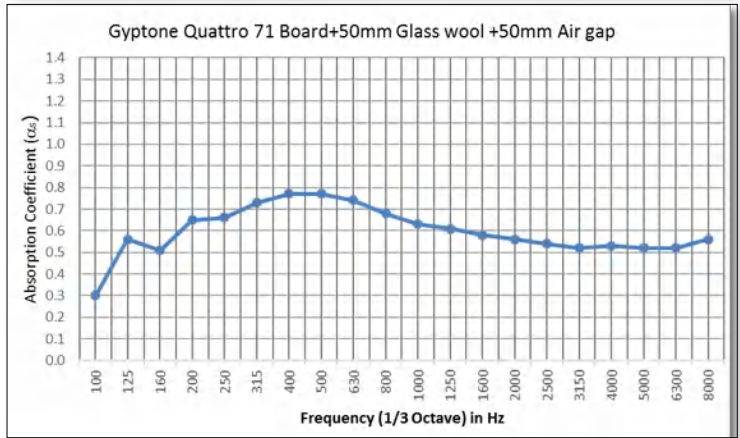
NRC = 0.55



2. Gyptone Quattro 71 Board + 50mm glass wool (Density : 24Kg/M3) + 50mm air gap

Freq. (Hz)	100	125	160	200	250	315	400	500	630	800
ABS Coeff.	0.30	0.56	0.51	0.65	0.66	0.73	0.77	0.77	0.74	0.68
Freq. (Hz)	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000
ABS Coeff.	0.63	0.61	0.58	0.56	0.54	0.52	0.53	0.52	0.52	0.56

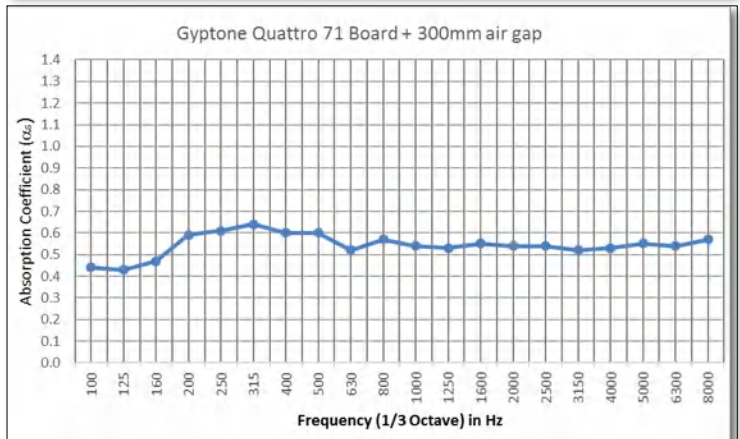
NRC = 0.65



3. Gyptone Quattro 71 Board + 300mm air gap

Freq. (Hz)	100	125	160	200	250	315	400	500	630	800
ABS Coeff.	0.44	0.43	0.47	0.59	0.61	0.64	0.60	0.60	0.52	0.57
Freq. (Hz)	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000
ABS Coeff.	0.54	0.53	0.55	0.54	0.54	0.52	0.53	0.55	0.54	0.57

NRC = 0.55



4. Gyptone Quattro 71 Board + 50mm glass wool (Density : 24Kg/M3) + 300mm air gap

Freq. (Hz)	100	125	160	200	250	315	400	500	630	800
ABS Coeff.	0.47	0.53	0.55	0.75	0.78	0.72	0.68	0.63	0.65	0.67
Freq. (Hz)	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000
ABS Coeff.	0.66	0.60	0.60	0.62	0.56	0.54	0.55	0.57	0.61	0.57

NRC = 0.70

