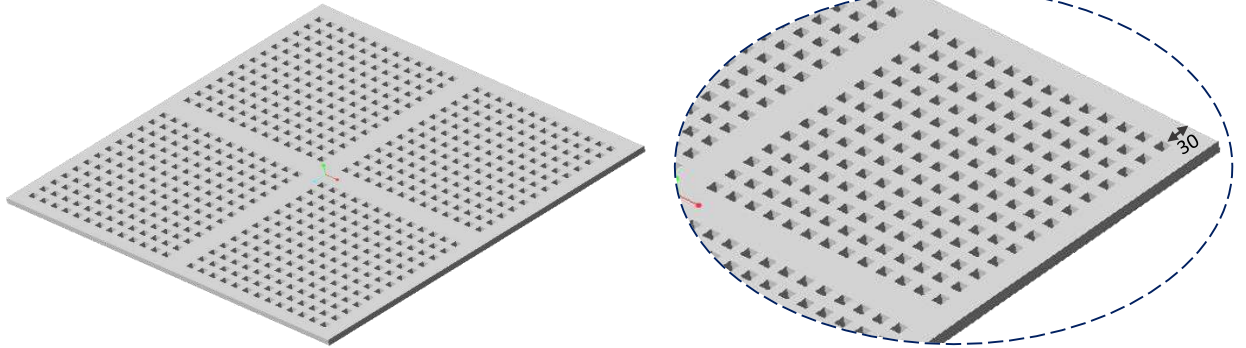


Description: - Fultone tile



Characteristics:

Fultone tile has full square holes in regular pattern and is backed with a special non-woven lining, which provides excellent sound absorption properties with insulation materials.

Physical Properties:

- Tile Dimensions : (595x595) mm
- Tile Thickness : 12.5mm
- Tile Weight : Approx. 8.5 Kg/m²
- Hole Size : (9.7x9.7) mm square
- Hole Spacing : 9.7mm distance between holes
- Perforation Area : 18.0%
- 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	Fultone tile +50mm Glass wool (Density:24Kg/M3)	0.85
2	Fultone tile + 50mm Glass wool (Density:24Kg/M3) +300mm air gap	0.88

ORIGINAL

1. Fultone tile + 50mm Glass wool
(Density:24Kg/M3)

Freq. (Hz)	100	125	160	200	250	315	400	500	630	800
ABS Coeff.	0.24	0.30	0.44	0.55	0.66	0.93	1.10	1.29	1.28	1.20
Freq. (Hz)	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000
ABS Coeff.	0.94	0.73	0.62	0.55	0.46	0.47	0.51	0.49	0.51	0.55

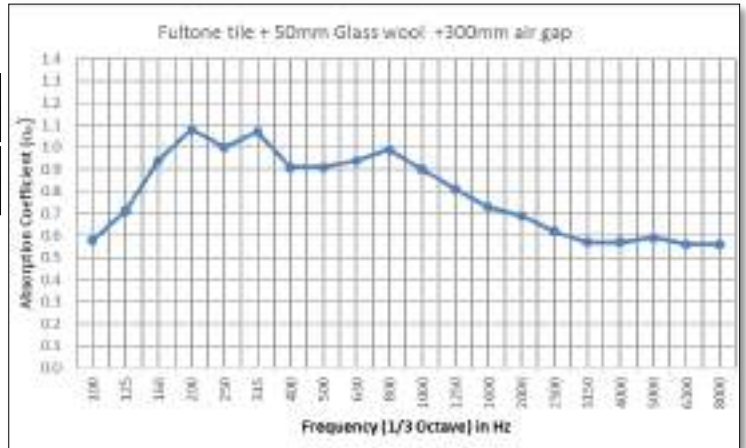
NRC = 0.85



2. Fultone tile + 50mm Glass wool
(Density:24Kg/M3) +300mm air gap

Freq. (Hz)	100	125	160	200	250	315	400	500	630	800
ABS Coeff.	0.58	0.71	0.94	1.08	1.00	1.07	0.91	0.91	0.94	0.99
Freq. (Hz)	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000
ABS Coeff.	0.90	0.81	0.73	0.69	0.62	0.57	0.57	0.59	0.56	0.56

NRC = 0.88



ORIGINAL

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