

TEST NO. : RAL-TL87-384

COMPANY : PANELFOLD

SPECIMEN: FABRIC PARTITION

SPECIFICATION :

WEIGHT OF THE SPECIMEN : 408.24 Kg. (900 Lb.)

FREQ.	SRC	MEASUREMENT RESULTS					REF.	DEF.	UNC.
		REC	NR	TL					
100	83.26	69.55	13.71	15.5		0	0	.17	
125	81.30	62.66	18.64	20.9		24	3	.26	
160	83.46	62.36	21.10	23.0		27	4	.26	
200	85.62	60.74	24.88	27.4		30	3	.32	
250	92.86	64.58	28.28	30.9		33	2	.30	
315	94.82	66.02	28.80	31.3		36	5	.34	
400	92.72	62.88	29.84	31.5		39	8	.24	
500	94.34	60.22	34.12	34.6		40	5	.16	
630	95.38	56.72	38.66	39.4		41	2	.20	
800	96.38	54.54	41.84	43.0		42	0	.21	
1000	96.82	54.06	42.76	44.0		43	0	.23	
1250	98.46	53.84	44.62	45.7		44	0	.22	
1600	98.60	49.78	48.82	49.9		44	0	.18	
2000	98.92	47.86	51.06	51.9		44	0	.20	
2500	102.42	56.46	45.96	46.7		44	0	.15	
3150	103.96	56.56	47.40	47.9		44	0	.15	
4000	104.74	48.90	55.84	55.9		44	0	.15	
5000	102.40	44.18	58.22	57.7		0	0	.13	

STC = 40

- FREQ. = 1/3 OCTAVE BAND CENTER FREQUENCY
- SRC = SOURCE ROOM SOUND LEVEL (dB)
- REC = RECEIVING ROOM SOUND LEVEL (dB)
- NR = NOISE REDUCTION (dB)
- TL = TRANSMISSION LOSS (dB)
- REF = SOUND TRANSMISSION CLASS CONTOUR
- DEF = DEFICIENCY
- UNC = TRANSMISSION LOSS UNCERTAINTY WITH 95% CONFIDENCE LIMIT (dB)
- STC = SOUND TRANSMISSION CLASS

RIVERBANK ACOUSTICAL LABORATORIES

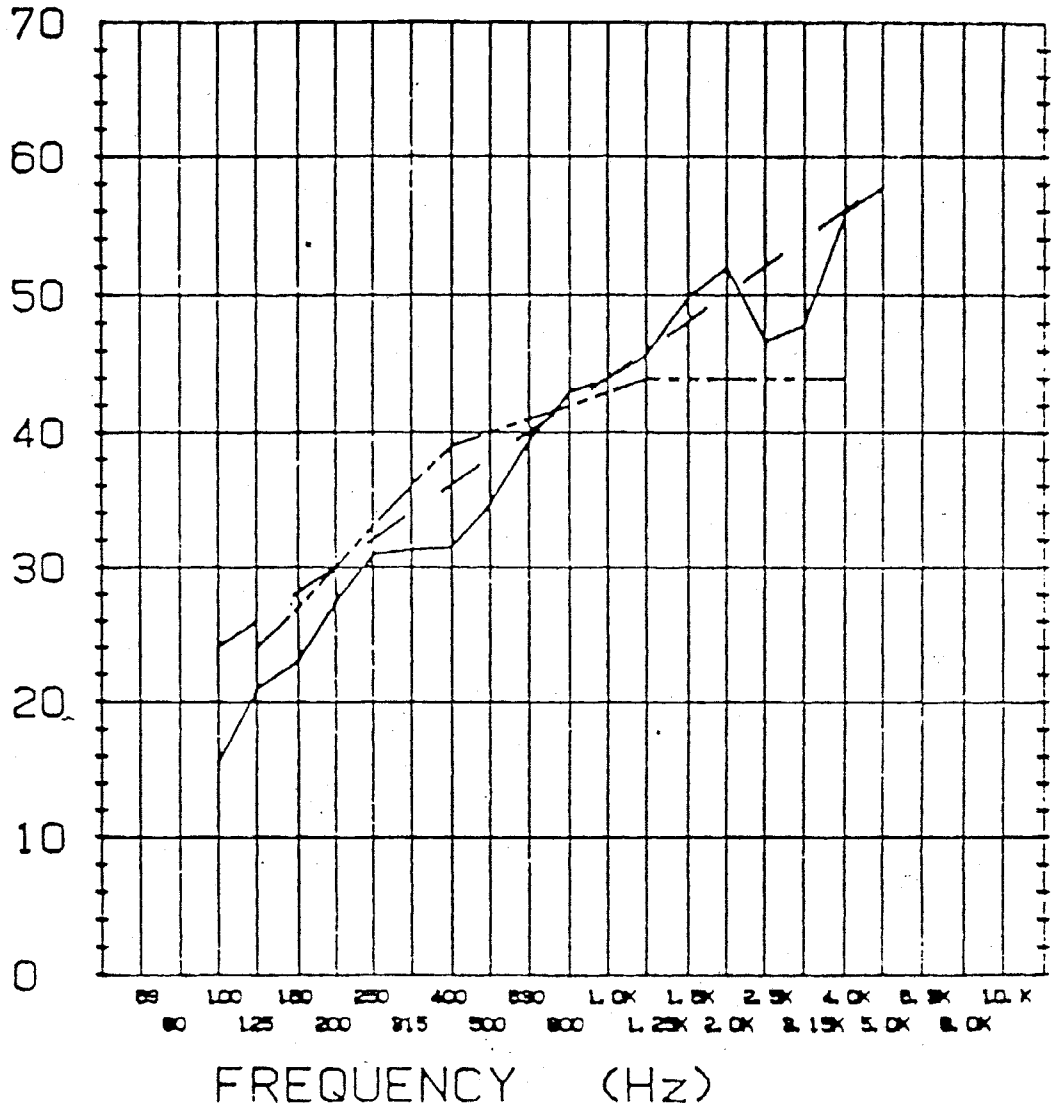
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TRANSMISSION LOSS REPORT RAL-TL87-384

TRANSMISSION LOSS: (dB)
REF. = 0.00002 Pa



- TRANSMISSION LOSS
- - - SOUND TRANSMISSION CLASS CONTOUR
- . - MASS LAW CONTOUR