

TEST NO. : RAL-TL87-383

COMPANY : BANEFOLD

SPECIMEN: FABRIC PANEL OPERABLE
SPECIFICATION :

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

FREQ.	SRC	MEASUREMENT RESULTS				REF.	DEF.	UNC.
		REC	NR	TL				
100	88.32	74.56	13.76	15.9	0	0	.17	
125	88.12	70.22	17.90	20.0	23	3	.17	
160	90.40	69.74	20.66	22.6	26	3	.27	
200	94.06	69.34	24.72	27.1	29	2	.28	
250	98.36	70.76	27.60	30.4	32	2	.32	
315	97.98	69.74	28.24	30.8	35	4	.29	
400	94.18	64.94	29.24	31.1	38	7	.26	
500	94.84	61.58	33.26	33.8	39	5	.20	
630	95.42	57.60	37.82	38.4	40	2	.19	
800	96.22	55.36	40.86	42.0	41	0	.20	
1000	96.46	54.50	41.96	43.1	42	0	.22	
1250	97.88	55.34	42.54	43.4	43	0	.18	
1600	97.82	53.38	44.44	45.3	43	0	.20	
2000	97.90	48.96	48.94	49.7	43	0	.18	
2500	101.20	56.10	45.10	45.6	43	0	.17	
3150	102.56	56.04	46.52	46.8	43	0	.14	
4000	101.18	47.40	53.78	53.6	43	0	.11	
5000	97.06	39.74	57.32	56.5	0	0	.08	

S T C = 39

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

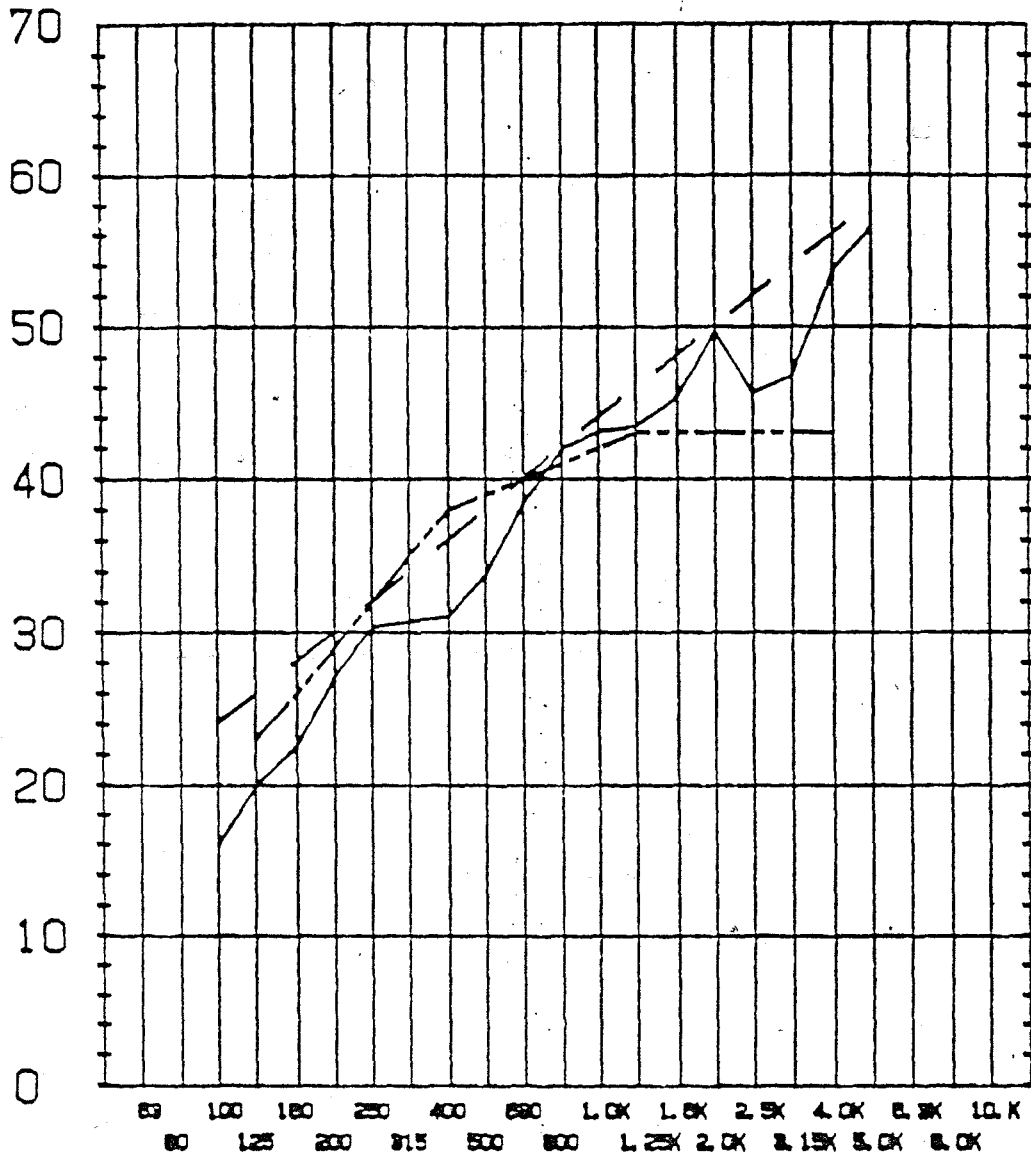
UNC = TRANSMISSION LOSS UNCERTAINTY WITH 95% CONFIDENCE LIMIT (dB)

STC = SOUND TRANSMISSION CLASS

TRANSMISSION LOSS REPORT

RAL-TL87-383

TRANSMISSION LOSS: (dB)
 REF. = 0.00002 Pa



FREQUENCY (Hz)

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