TECHNI-SILENCE INC.

TECHNICAL INFORMATION

The noise reduction coefficient is established by "The American Standards Testing Commitee" The N.R.C. is a standard method used to determine the absorption characteristics of a given material. The noise reduction coefficient (N.R.C.) is an average of the sound absorption coefficent for the following frequencies: 150-500-1000-2000-4000 HZ.

SOUND ABSORPTION COEFFICIENT

PANELS	MATERIAL	125	260	500	1000	2000	4000	N.R.C.
TS-100	1" wrapped with fabric or vinyl	0.08	0.25	0.74	0.95	0.97	1.00	0.80
TS-200	2" wrapped with fabric or vinyl	0.19	0.74	1.17	1.11	1.01	1.01	1.00

DECIBEL SCALE

DECIBEL	NOISE	NOISE SOURCE
0 @ 20	very weak	buzzing sound.
20 @ 40	weak	quiet room, mild conversation.
40 @ 60	moderate	noisy room, normal conversation.
60 @ 80	loud	noisy office, T.V., heated conversation.
80 @ 100	very loud	noisy plant, party noise, stereo sound system.
100 @ 120	deafening	thunder, jet, airplane.
130	painfull	more than 30 seconds exposure can be harmfull.

FLAMMABILITY

Each component has a flame spread of 25 or less as per Tunnel Test:

ASTM-E-84 Class 1 or A (U.S.)
ULC- S102 (CANADA)