

ECKOUSTA-CLEAR NOISE BARRIER



- Excellent noise control
- Transparent
- Flexible for added safety
- Versatile — applications such as
 - noise isolating curtains
 - acoustic overlapping strip barriers
 - noise attenuating enclosures
 - acoustic windows and doors
- Simple to use

The Eckousta-Clear Noise Barrier provides a simple, cost-effective method of minimizing noise problems in manufacturing facilities, factories, processing plants, machine shops and schools, offices, restaurants, and other commercial buildings . . . efficient acoustic control.

OUTSTANDING PERFORMANCE — Both Eckousta-Clear sheets—2 mm and 4 mm thick—reduce noise to acceptable levels. Up to 15 dB loss can be achieved by using the 2 mm material as a strip barrier with 50% overlap; up to 19 dB by using the 3 mm thick strip barrier material.

PERMANENT VISIBILITY — No clouding after long periods of in-field use. Eckousta-Clear is UV stabilized to prevent light deterioration and to insure optimum clarity.

SAFE — Eckousta-Clear with its excellent degree of transparency and its flexible, shatterproof property helps reduce accidents. What is happening on the other side of the barrier can be clearly seen.

RUGGED — Even in the most demanding applications, Eckousta-Clear maintains its strength. This abrasion-resistant material offers long-term durability without any compromise in acoustic integrity.

for Controlling the Acoustic Environment

The Permanent, See-Through
Noise Attenuating Curtain / Enclosure
for Protecting Personnel from Noise

EASY INSTALLATION — Eckousta-Clear can be installed quickly and economically. Just cut the material to fit the opening and hang it. Lengths up to 20 ft. are available. For applications where an enclosure is desired, Eckel offers prefabricated units. (See the reverse side of this sheet.)



Equipment and personnel can move safely through strip barrier.

Types	2 mm thick	4 mm thick
Dimensions:		
Thickness	5/64" (2 mm)	5/32" (4 mm)
Width		
Sheet Stock	47 1/4" (120 cm)	47 1/4 (120 cm)
Strips	8" (20.5 cm)	(3 mm thick strip available)
Length	Lengths up to 20 ft.	Lengths up to 20 ft.
Physical Properties:		
Weight	1/2 lb./sq. ft.	1 lb./sq. ft.
Fire Retardance	Self extinguishing — ASTM 1692	

ECKOUSTA-CLEAR NOISE BARRIERS/ENCLOSURES

Transmission Loss in dB — Cedar Knolls Acoustical Laboratories

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3100	4000	5000	STC
2 mm Sheet	10	8	8	11	9	12	13	16	17	18	21	21	24	25	26	28	30	32	20
4 mm Sheet	12	10	11	14	13	17	16	19	21	22	24	26	27	29	30	32	33	34	23
2 mm Strip	8	8	6	9	11	12	14	14	16	15	15	14	14	16	16	17	17	18	15
3 mm Strip	12	13	12	15	15	16	18	17	16	15	17	17	20	21	21	22	24	25	19

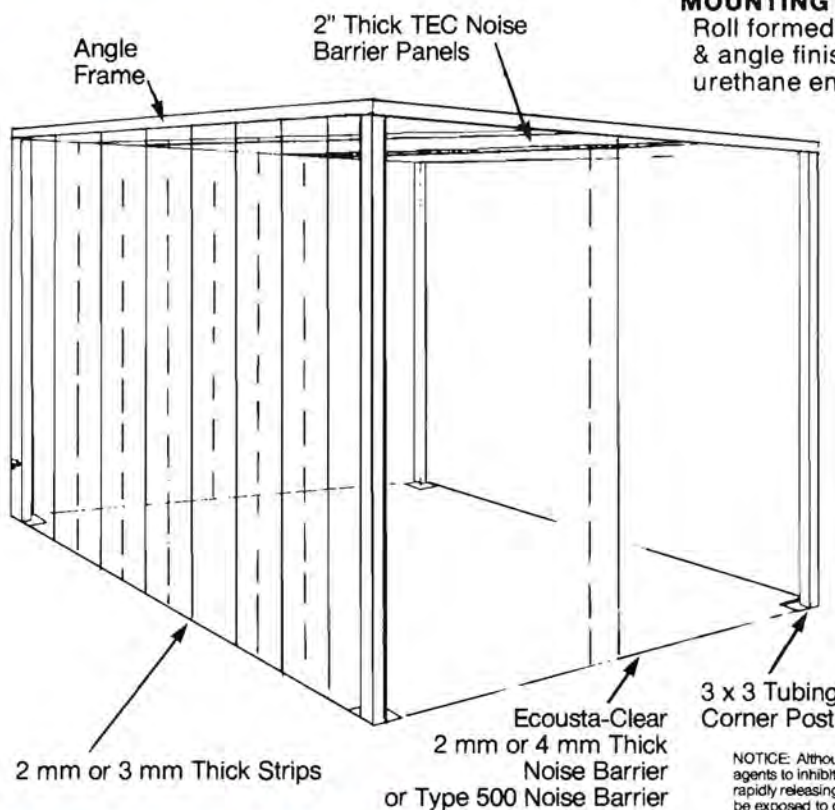
The Eckousta-Clear Enclosures incorporate the transparent, flexible Eckousta-Clear strip curtain barrier, along with a high strength, noise absorbing panel system. This design maximizes access, visibility, and noise control. It offers a practical means for isolating noisy machinery and equipment, without involving the expense of custom-engineered enclosures.



Eckousta-Clear provides an effective acoustic barrier between work areas, allowing visibility and easy access.

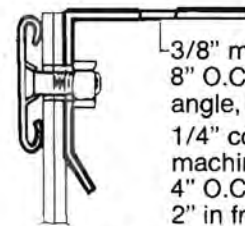
Model	L	W	H
A	96"	96"	120"
B	64"	88"	96"
C	120"	96"	120"
D	138"	96"	120"

TYPICAL ECKOUSTA-CLEAR ENCLOSURE

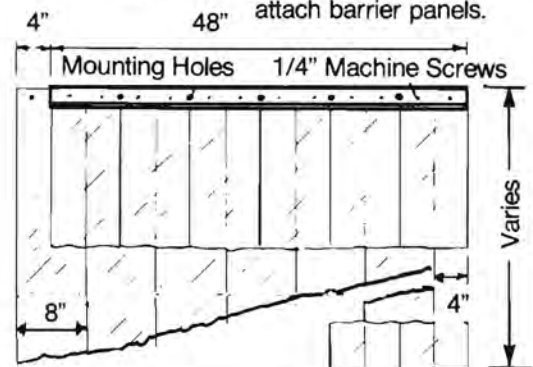


MOUNTING DETAIL

Roll formed batten & angle finished in urethane enamel



3/8" mounting holes
8" O.C. from end of angle, top
1/4" countersunk machine screws
4" O.C. starting 2" in from end to attach barrier panels.



Shipped unassembled. Transparent barrier and mounting angle are pre-punched for field assembly with 1/4" machine-screws and nuts with lock washers which are included. Standard width: 48". Other widths available.

NOTICE: Although our flexible plastic and urethane foam noise control materials contain flame retardant agents to inhibit ignition from fire sources, they will burn when exposed to external flame and can burn rapidly releasing dense smoke. During shipment, storage, installation, and use, these materials must not be exposed to open flame or other ignition sources.

ECKEL
INDUSTRIES OF CANADA LIMITED

Box 776 100 Allison Ave. Morrisburg ON K0C 1X0
Tel: 613-543-2967 800-563-3574 Fax: 613-543-4173
Web site: www.eckel.ca/eckel E-mail: eckel@eckel.ca

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