

ACRYLITE® Soundstop

Masonry Wall System

Product

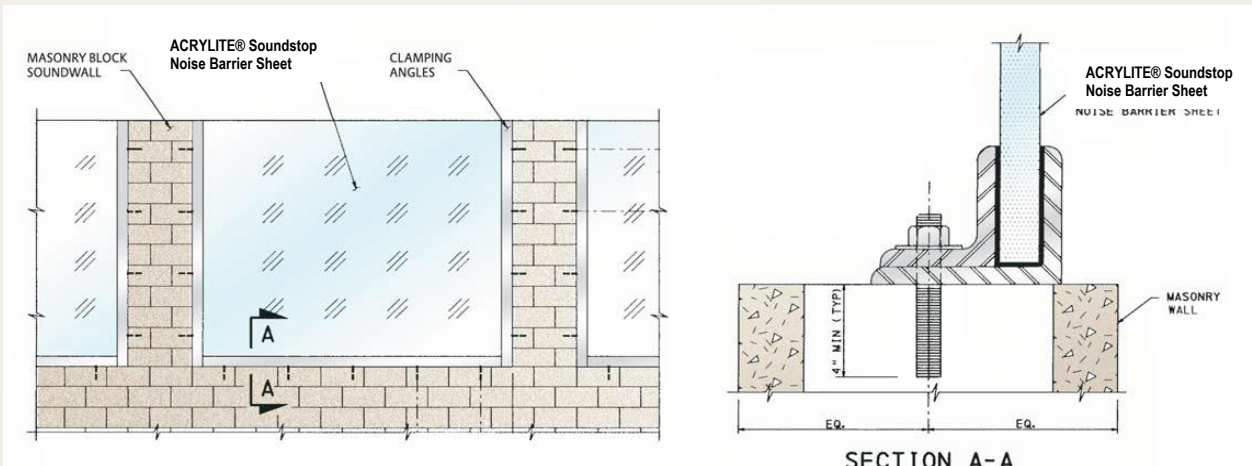
The ACRYLITE® Soundstop Masonry Wall System is a turn key installation package for use with standard masonry block noise barriers. The system includes ACRYLITE® Soundstop transparent noise barrier sheet, gasket, clamping angles, fasteners, and installation instructions. It is an ideal, low cost solution for noise abatement that preserves the view.

Features and Benefits

- Excellent sound insulation properties
- Available as an easy to install package
- Works with standard precast concrete wall (CMU) blocks
- No cleaning required, common roadway dirt and salts are rinsed away by rain.
- Extremely resistant to weathering; industry leading 30- year warranty against yellowing
- One lightweight panel can replace as many as 100 concrete blocks



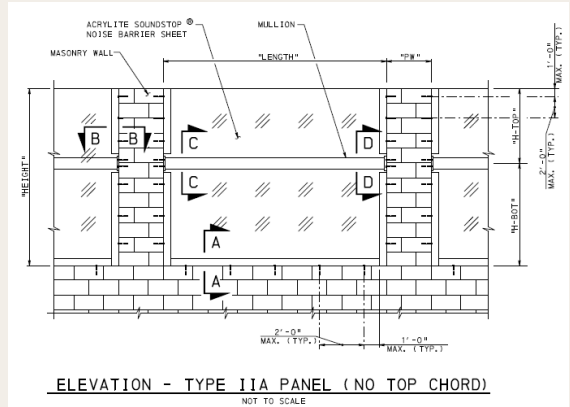
ACRYLITE® SOUNDSTOP Masonry Wall System in Laguna Hills, CA, extends the visual environment – in contrast with solid wall (photo-rendering)



Panel Dimensions Table (20 PSF Wind, Type IA and IIA Panels)

Panel "Length"	Panel Type	Total Panel "Height"	Individual Panel Heights		Clear Panel Thickness		"PW"
			"H-BOT"	"H-TOP"	BOT PANEL	TOP PANEL	
8'-0"	IA	4'-0"	---	4'-0"	---	15	2'-0"
	IA	4'-8"	---	4'-8"	---	15	2'-0"
	IA	5'-4"	---	5'-4"	---	15	2'-0"
	IA	6'-0"	---	6'-0"	---	15	2'-0"
	IA	6'-8"	---	6'-8"	---	20	2'-0"
	IA	7'-4"	---	7'-4"	---	20	2'-0"
	IA	8'-0"	---	8'-0"	---	20	2'-0"
	IA	8'-8"	---	8'-8"	---	20	2'-8"
	IA	9'-4"	---	9'-4"	---	20	2'-8"
	IA	10'-0"	---	10'-0"	---	20	2'-8"
	IA	10'-8"	---	10'-8"	---	20	4'-0"
	IA	11'-4"	---	11'-4"	---	20	4'-0"
8'-8"	IA	4'-0"	---	4'-0"	---	15	2'-0"
	IA	4'-8"	---	4'-8"	---	15	2'-0"
	IA	5'-4"	---	5'-4"	---	20	2'-0"
	IA	6'-0"	---	6'-0"	---	20	2'-0"
	IA	6'-8"	---	6'-8"	---	20	2'-0"
	IA	7'-4"	---	7'-4"	---	20	2'-0"
	IA	8'-0"	---	8'-0"	---	20	2'-0"
	IIA	8'-8"	6'-0"	2'-8"	15	15	2'-8"
	IIA	9'-4"	6'-0"	3'-4"	15	15	2'-8"
	IIA	10'-0"	6'-0"	4'-0"	15	15	3'-4"
	IIA	10'-8"	8'-0"	2'-8"	15	15	4'-0"
	IIA	11'-4"	8'-0"	3'-4"	15	15	4'-0"
9'-4"	IA	4'-0"	---	4'-0"	---	15	2'-0"
	IA	4'-8"	---	4'-8"	---	15	2'-0"
	IA	5'-4"	---	5'-4"	---	20	2'-0"
	IA	6'-0"	---	6'-0"	---	20	2'-0"
	IA	6'-8"	---	6'-8"	---	20	2'-0"
	IA	7'-4"	---	7'-4"	---	20	2'-0"
	IA	8'-0"	---	8'-0"	---	20	2'-0"
	IIA	8'-8"	6'-0"	2'-8"	15	15	2'-8"
	IIA	9'-4"	6'-0"	3'-4"	15	15	2'-8"
	IIA	10'-0"	6'-0"	4'-0"	15	15	3'-4"
	IIA	10'-8"	8'-0"	2'-8"	15	15	4'-0"
	IIA	11'-4"	8'-0"	3'-4"	15	15	4'-0"
10'-0"	IA	4'-0"	---	4'-0"	---	15	2'-0"
	IA	4'-8"	---	4'-8"	---	20	2'-0"
	IA	5'-4"	---	5'-4"	---	20	2'-0"
	IA	6'-0"	---	6'-0"	---	20	2'-0"
	IA	6'-8"	---	6'-8"	---	20	2'-0"
	IA	7'-4"	---	7'-4"	---	20	2'-0"
	IA	8'-0"	---	8'-0"	---	20	2'-0"
	IIA	8'-8"	6'-0"	2'-8"	15	15	2'-8"
	IIA	9'-4"	6'-0"	3'-4"	15	15	2'-8"
	IIA	10'-0"	6'-0"	4'-0"	15	15	3'-4"
	IIA	10'-8"	8'-0"	2'-8"	15	15	4'-0"
	IIA	11'-4"	8'-0"	3'-4"	15	15	4'-0"

Type IA panel is a single panel, without a horizontal mullion / support. When both length and height of transparent area are >8 ft a horizontal support (Type IIA panel) is required. Table to the left is a subset of available size. Contact Evonik at soundstop-us@evonik.com or 207-490-4313 for additional information about the ACRYLITE® Soundstop Masonry Wall System.



ACRYLITE® Soundstop Masonry Wall System in Oceanside, CA—blocking the noise, preserving the view

Standard Colors

The color impression remains the same in different thicknesses. Other colors can be manufactured upon request.



Fire Precautions

ACRYLITE® sheet is a combustible thermoplastic. Precautions should be taken to protect this material from flames and high heat sources. ACRYLITE® sheet usually burns rapidly to completion if not extinguished. The products of combustion, if sufficient air is present, are carbon dioxide and water. However, in many fires sufficient air will not be available and toxic carbon monoxide will be formed, as it will when other common combustible materials are burned. We urge good judgement in the use of this versatile material and recommend that building codes be followed carefully to assure it is used properly.

Compatibility

Like other plastic materials, ACRYLITE® sheet is subject to crazing, cracking or discoloration if brought into contact with incompatible materials. These materials may include cleaners, polishes, adhesives, sealants, gasketing or packaging materials, cutting emulsions, etc. See the Tech Briefs in this series for more information, or contact your ACRYLITE® sheet Distributor for information on a specific product.

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