

PARAGLAS SOUNDSTOP®
NOISE BARRIER SHEET

Durisol®

PARAGLAS SOUNDSTOP®

For over 30 years, CYRO Industries, and its parent company Degussa, have offered the highest quality transparent noise barrier products around the world. For more information or specific questions about your project, contact CYRO's noisewall specialists.



Noise Barrier Products

- Transparent for Visibility and Outstanding Light Transmission
- Long Service Life Measured in Decades
- Approved by State DOTs including CALTRANS and New York

Durisol®

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creating essentials

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FIRE PRECAUTIONS: PARAGLAS SOUNDSTOP sheet is a combustible thermoplastic. Precautions should be taken to protect this material from flames and high heat sources. PARAGLAS SOUNDSTOP 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, PARAGLAS SOUNDSTOP 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.

PARAGLAS SOUNDSTOP®

The Aesthetic Solution for Noise Walls



Designers can get the benefits of a tall wall while avoiding the corresponding visual impact.



Available in 7 colors, the sheets can be treated to make them visible to flying birds either by embedding filaments or adding surface markings.



Performance Advantages

Impact Strength	Meets criteria of the Dade County Large missile (2x4 board) impact test.
Maintenance Free	Hard non-porous surface stays clean through exposure to rain.
Light Weight	A 56 square foot panel weighs as little as 225 pounds.
Chemical Resistance	Tolerates exposure to many chemicals including ice-melt chemicals, glass etching compounds and dilute acids without adverse effects.
Graffiti Removal	Graffiti is removed easily and quickly involving only a spray-on application of solvent followed by power washing.
Durability	A very hard surface resists scratches from natural causes such as windblown sand and damage from impact by stones and other small objects thrown against it by traffic.
Wind Load Resistance	Excellent physical strength allows it to resist high wind loads. PARAGLAS SOUNDSTOP sheet is available in 15 mm, 20 mm and 25 mm thickness.

Sound Reduction/Weight

Sheet Thickness	ASTM E90 STC Rating (dB)	Weight per sq. ft. (psf)
15 mm (19/32")	34	3.66
20 mm (25/32")	35	4.86
25 mm (1")	37	6.1

PARAGLAS SOUNDSTOP Ready-Fit Noise Barrier Panels

PARAGLAS SOUNDSTOP Ready-Fit Panels are fully fabricated frame and panel assemblies designed for use with concrete columns, pilasters or structural steel H posts. The frame is made from structural steel or aluminum and can be finished to match surrounding materials. The transparent portion of the Ready-Fit Panel is PARAGLAS SOUNDSTOP noise barrier sheet.



The assembly can be adapted to post spacings from six to twenty-four feet and in panel heights of four, six and eight feet. The Ready-Fit Panel is installed in the same drop-in manner as the conventional panels within the noise barrier.

Framing Options

Designers can easily adapt PARAGLAS SOUNDSTOP to almost any design. These framing system options work well with PARAGLAS SOUNDSTOP.

