

*Durisol*®

DURISOL.COM

# ACRYLITE® SOUNDSTOP MASH TL-4 NOISE BARRIER SYSTEM PRODUCT GUIDE

LIGHTWEIGHT, CRASH TESTED NOISE BARRIER SYSTEM FOR  
BRIDGES AND ELEVATED ROADWAY APPLICATIONS

—  
SAFEST NOISE BARRIER  
AVAILABLE

—  
LIGHTWEIGHT

—  
ATTRACTIVE

—  
CRASH TESTED TO  
MASH TL-4 CRITERIA

The Durisol®-Acrylite® Soundstop MASH TL-4 Noise Barrier System is a lightweight noise barrier system for bridges and elevated roadway applications. The system has been successfully tested under MASH Test Level 4 conditions, and proven to stabilize a vehicle and reduce the severity of auto crashes.

The system is a complete turnkey solution for transparent noise barriers, vandal shields or wind screens on bridges and overpasses. These “no maintenance panels” will retain clarity and physical strength despite decades of exposure to sunlight and other elements (ASTM D 1003 & E 1996 test methods). Components meet or exceed FHWA and DOT standards.

**Safest Noise Barrier Available**

Meets MASH TL-4 test conditions

**Lightweight**

As little as 100lbs per linear foot

**Attractive**

Panels are available as clear or colored panels

**Performance**

Excellent sound insulating properties

**TYPICAL APPLICATIONS**

- Bridges and structures



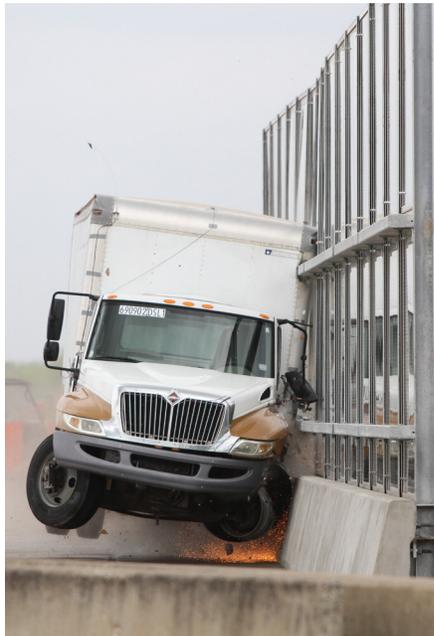
The Durisol®-Acrylite® Soundstop MASH TL-4 Noise Barrier System is crash-tested and contains polyamide filaments for fragment retention.



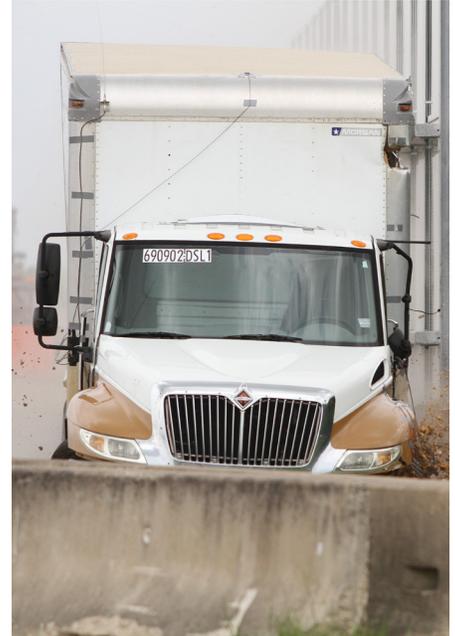
**MANUAL FOR ACCESSING SAFETY HARDWARE (MASH) TEST LEVEL 4,  
TEXAS A&M TRANSPORTATION INSTITUTE PROVING GROUND, COLLEGE STATION, TX**



A 22,180LBS (10,060KG) TRUCK IMPACTS THE MASH TL-4 SYSTEM AT 58MPH ON A 15° ANGLE



THE DURISOL®-ACRYLITE® SOUNDSTOP MASH TL-4 SYSTEM STABILIZES THE VEHICLE AFTER IMPACT



DAMAGED AREAS SHOW HOW THE DURISOL®-ACRYLITE® SOUNDSTOP MASH TL-4 SYSTEM REDUCES THE SEVERITY OF THE CRASH



MASH 4-12 SEQUENTIALS



MASH 4-11 SEQUENTIALS



MASH 4-10 SEQUENTIALS

**“That is the most stable TL-4 crash test I’ve ever seen.”**

- Senior FHWA Official in the Office of Safety Design

Soundstop GS CC has embedded polyamide filaments to contain broken fragments resulting from collision damage (complies with EN 1794-2)



SOUNDSTOP GS CC

### AVAILABLE COLORS

Soundstop GS CC sheet for the Durisol®-Acrylite® Soundstop MASH TL-4 System is available in the following standard colors.

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

	CLEAR
	MIDNIGHT BLUE
	STEEL BLUE
	SKY BLUE
	FOREST GREEN
	SEA GREEN
	SPRING GREEN
	SMOKY BROWN



**AVAILABLE THICKNESSES**

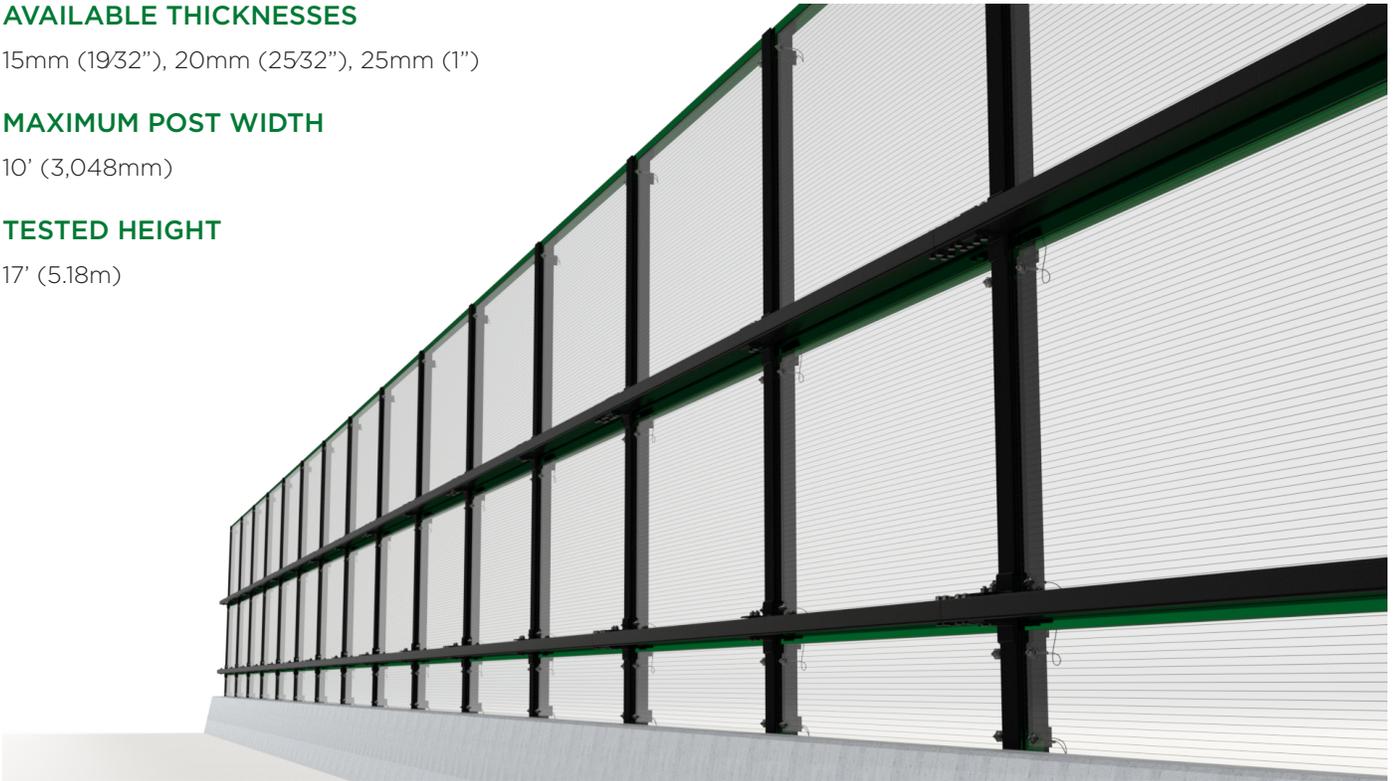
15mm (19/32"), 20mm (25/32"), 25mm (1")

**MAXIMUM POST WIDTH**

10' (3,048mm)

**TESTED HEIGHT**

17' (5.18m)



### GENERATION I SYSTEM - NCHRP 350 (2005)

The history of our Durisol®- Acrylite® Soundstop MASH TL-4 system has roots back to our first generation system which was tested under the National Cooperative Highway Research Program 350 (NCHRP 350) back in 2005 at the Midwest Roadside Safety Facility at the University of Nebraska-Lincoln. With over 100 installations for various State DOTs and Provinces, the history of this system has legacy of proven performance, durability, and most important of all safety for the motoring public.



INTERSTATE 40 - KNOXVILLE, TN



INTERSTATE 580 - SAN LEANDRO CA



INTERSTATE 580 - SAN LEANDRO CA



INTERSTATE 580 - SAN LEANDRO CA



INTERSTATE 580 - SAN LEANDRO CA



INTERSTATE 71 - COLUMBUS, OH



ROUTE 52 - OCEAN CITY CAUSEWAY - NEW JERSEY



INTERSTATE 5 OVER EL CAMINO REAL - SAN CLEMENTE, CA



INTERSTATE 110 / 37TH ST BUS STATION - LOS ANGELES, CA



HIGHWAY 407- TORONTO, ON



INTERSTATE 71 - COLUMBUS, OH



SR408 / SR417 INTERCHANGE - ORLANDO, FL



INTERSTATE 75 - TOLEDO, OH

Drawings and product details are for information and/or illustrative purposes only, and may vary.  
Please contact your local Durisol representative for the most current product information.



Durisol® is the market leader in the noise barrier wall industry. We manufacture and supply a series of unique panel and post wall systems - including our Durisol® precast sound absorption panels and transparent ACRYLITE® Soundstop sheets, as well as narrow footprint retaining walls and fire-rated barriers. Our first noise barriers were installed in Canada in 1977 and in the US in 1986 and are all still in service today. With over 40+ million square feet of wall installed to date, Durisol® noise barriers stop the noise of industrial warehouses, utility enclosure sites and urban infrastructure of all kinds right across North America.

**CANADA: 289-975-4402 | U.S.A.: 909-615-2037 | [DURISOL.COM](http://DURISOL.COM)**