ACRYLITE® Soundstop SilentView Noise Barrier is a transparent noise absorbing system consisting of an aluminum frame and a 30° angled transparent ACRYLITE® Soundstop sheet. This innovative design allows incoming noise to be reflected upward towards the horizontal noise absorbing part of the element. ACRYLITE® Soundstop SilentView is suitable for highways, high speed railways, and of course any other noise barrier installation.

This newly developed system perfectly combines the desired transparency with the absorbing properties of a noise protection element. ACRYLITE® Soundstop SilentView is the only element worldwide which also complies with the new acoustic standards outlined in EN 1793-5 and EN 1793-6 “Road Traffic Noise reducing devices – test method for determining the acoustic performance using in situ values of sound reflection (1793-5) and airborne sound insulation (1793-6) under direct sound field conditions.”

While focused on new Noise Barrier installations, ACRYLITE® Soundstop SilentView is ideal for replacing old, unsightly, or defective elements quite easily. The existing infrastructure, including posts, can be re-used in various dimensions and distances so that no additional construction costs are incurred.

**ACRYLITE® SOUNMSTOP SILENCTVIEW NOISE BARRIER**

**THE ABSORPTIVE NOISE BARRIER THAT OFFERS A CLEAR VIEW**

**POSSIBLE INSTALLATION LOCATIONS**
- Highway Noise Barrier
- Alongside railways
- As a full noise wall or as a complement to open up “windows” in a standard opaque absorbing wall

**PRODUCT OFFERING**
Aluminum components available in numerous standard colors. Custom colors are available upon request.

**OTHER FAQ’S**
- No set standard minimum
- NRC of 0.70 as tested in accordance with ASTM C423
- Complies with the new acoustical standards outlined in EN 1793-5
- Max height of 8m (26ft)

**BENEFITS**
- Transparent and absorptive
- Can be combined with other traditional noise barrier systems
- Easily used to retrofit an existing noise barrier system
- Mounted flush with the noise barrier wall on the absorption side
- No special equipment required for installation, simple drop-in panel design
ACRYLITE® SOUNDBARRIER SILENTVIEW NOISE BARRIER

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DESIGN DETAILS

- Fixed panel segment height of 500mm (20 in)
- Panel lengths / post distance up to 5m (16.5 ft) possible
- The overhang (angled section) is always opposite the absorption side
- Installation is made easy due to a tongue and groove design
- Can be used with existing barriers by simply removing existing elements and utilizing existing posts
- Easily adaptable to post profiles from W5 to W8
- ACRYLITE® Soundstop sheet used
  > Thickness of 12mm, 15mm, or 20mm
  > Various product choices: GS, GS CC, XT, or XT w/ Bird Guard
- Total system weight is approximately 35-45 kg/m² (7-9 lb/ft²)