

ACRYLITE®

ACRYLITE® Soundstop for Transit Protection that lasts. Visibility that matters.



Transparent acrylic solutions
for shelters, windscreens, canopies,
enclosures and noise barriers.

POLYVANTIS

Protection that lasts. Visibility that matters.

Every transit stop should provide more than shelter. Bus stops, rail platforms and transit stations must withstand impact, weather, vandalism and constant public use—while creating an environment where passengers can see and be seen.

ACRYLITE® Soundstop combines transparency, impact resistance, passenger comfort and long-term durability in one lightweight acrylic solution for shelter roofs and walls, windscreens, station enclosures and transparent barriers.

Safety through smarter design.

Clear sightlines. Open spaces.

Transparency maintains clear sightlines through shelters and across station environments, allowing passengers to see their surroundings while improving visibility for operators, staff and security personnel.

Unlike opaque materials, transparent ACRYLITE® Soundstop acrylic can provide protection from the elements without creating unnecessary visual barriers or concealed spaces.

Built for high-traffic environments.

High impact resistance helps withstand the demands of busy public spaces, including everyday impacts and vandalism.

Protection without losing visibility.

Use transparent panels for shelter walls, windscreens and barriers to provide protection from wind and weather while maintaining an open visual connection to platforms, vehicles and surrounding areas.

Designed for a more comfortable wait.

Control light. Reduce heat exposure.

White and light-diffusing options reduce incoming light through shelter roofs, helping create a more comfortable waiting environment in bright, hot conditions.

Less noise. More comfort.

Sound-dampening properties reduce the harsh sound of rain striking shelter roofs, creating a quieter, more comfortable environment for waiting passengers.

Light. Open. Welcoming.

Transparent and light-diffusing options help designers create bright, open passenger environments while providing the coverage and protection transit users need.

One material. Multiple transit applications.

**Shelter Roofs | Shelter Walls | Windscreens |
Platform Barriers | Transparent Noise Barriers |
Station Enclosures**

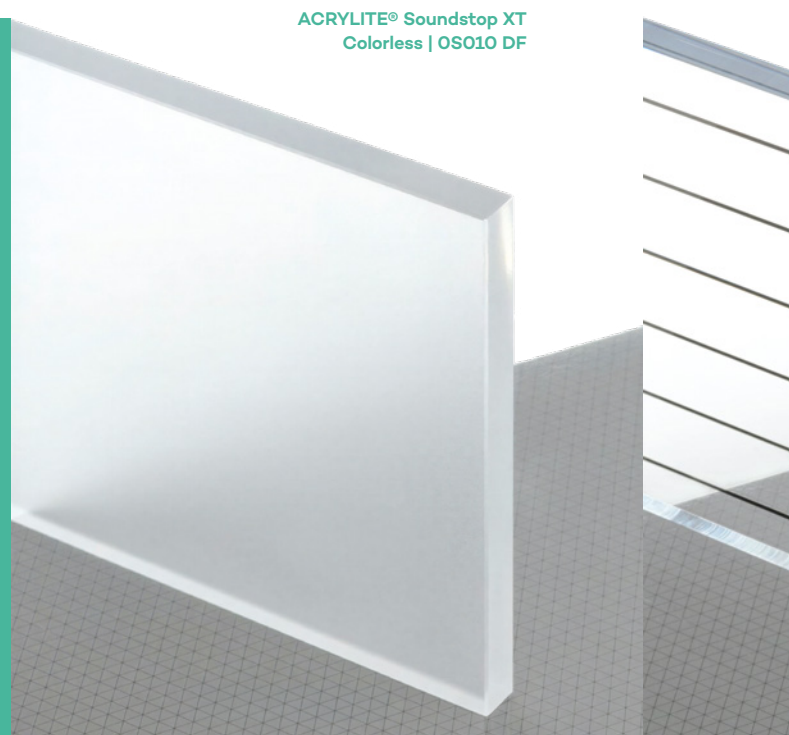
From a neighborhood bus stop to a major rail station, ACRYLITE® Soundstop brings together visibility, safety-conscious design, passenger comfort, impact resistance and long-term performance.

Product availability

- **ACRYLITE® Soundstop XT**
Colorless OS089 – 92 % transmission
White WS531 – 20 % transmission
White WS040 – 72 % transmission
Custom whites available
- **ACRYLITE® Soundstop XT**
Colorless OS010 DF – 84 % transmission
- **ACRYLITE® Soundstop XT BirdGuard**
Colorless OS089 – 92 % transmission
- **Sheet size**
Custom lengths available up to a max of 96" width
- **Thickness**
12 mm – 25 mm

Transmission values may differ with thickness.

ACRYLITE® Soundstop XT
Colorless | OS010 DF



Built for the realities of public transit.



Impact resistance for demanding environments

High impact resistance helps shelter panels withstand the demands of busy public spaces, including everyday use and vandalism.



Half the weight of glass

Reduce weight without giving up the strength and durability needed for transit applications.



Graffiti? Clean it.

Graffiti can be removed using recommended cleaning procedures, helping transit agencies maintain a cleaner-looking shelter without having to replace panels.



Birdguard protection

Embedded bird-deterrent stripes help reduce bird collisions while creating a patterned surface that can discourage graffiti.



Long Life. Recyclable by design.

Its long service life can help reduce replacement needs, while ACRYLITE® acrylic can be recycled through direct reuse or chemical conversion back to its starting materials.



Integrated Solar Shield

For comfort and protection. High-performance glazing helps block up to 100% of harmful UV-B and UV-C radiation, so you can enjoy natural daylight with added peace of mind.



Protect the look for years to come.

Excellent resistance to UV exposure and yellowing helps keep clear panels clear and white panels white over time, backed by 30-year warranties against loss of light transmission and non-yellowing of white.

ACRYLITE® Soundstop XT
BirdGuard | OS089

ACRYLITE® Soundstop XT
Colorless | OS089

ACRYLITE® Soundstop XT
White | WS531 | WS040
(Custom whites available)

More than a shelter panel.

ACRYLITE® Soundstop for transit applications combines passenger comfort, impact resistance, long-term appearance, and easier maintenance in one lightweight acrylic solution.

ACRYLITE®
30-YEAR
NO YELLOWING
GUARANTEE

ACRYLITE® Soundstop

Built for the wait. Ready for transit.
30-year warranties apply to specified product grades and conditions. See product warranty for complete terms and conditions.



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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.

This information and all further technical advice is based on our present knowledge and experience. Such information or advice, whether given at Buyer's request or not, implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights. In particular, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technical progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products should be used.

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.

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