

Durisol®

DURISOL.COM

UTILITY ENCLOSURES & FIRE RATED BARRIERS

VISUAL APPEAL

NOISE REDUCING

NON-CONDUCTIVE

OPTIONAL FIRE RATED SYSTEM



FIRE RATED BARRIERS

Durisol FireStop System

At Durisol, we care about the communities and the people within them. That is why we have developed the Durisol FireStop System, a firewall that works to ensure the safety in the event of a transformer fire. Transformers demand a specialized fire suppression solution to control fires safely within high-voltage areas. The Durisol FireStop System offers a higher margin of safety over traditional precast barriers by containing and preventing the spread of fire. The wall assembly consists of vertical precast concrete posts and drop-in-place Durisol absorptive precast noise barrier panels, sealed with a fire barrier sealant. This system has been ULC tested and meets the demanding requirements for a Fire Resistance Rating of 2-hours. Durisol has taken our capabilities as an international company to the local level by protecting the owner's assets and investments, reducing insurance costs and ultimately ensuring the safety of one community at a time.

DID YOU KNOW?

"Transformer fires are fearsome events, perhaps the most dangerous common threats to human life—both onsite and beyond the boundaries of a power plant—that can hit an electric utility."

Kennedy Maize,
Fighting Transformer Fires

Trusted In-house Engineering

We value-engineer to suit individual project requirements and client needs

Stops the Noise

Not only a firewall, Durisol panels are highly sound absorptive to achieve maximum noise reduction



Stops the Fire

Designed to prevent the spread of fire to adjacent transformers and structures, the system contains the fire and protects critical assets and the surrounding environment

Green Product

Durisol panels are environmentally friendly—they use up to 90% recycled content and do not emit any toxic elements

UTILITY ENCLOSURES

Durisol Utility Noise Barrier Enclosure

Durisol is actively working to improve communities and their quality of life. Since 1977, we have installations in a broad range of applications across North America to include highway noise barriers and utility safety barriers. The national concern of power station break-ins and copper theft continues to grow. Taking the proper measures to secure the site and limit visibility to the public has had a positive impact on the number of thefts and the resulting consequences; economic, service disruptions and potential injury or fatality. Fatalities can occur not only for the persons involved in the theft but also from subsequent efforts by electrical workers to repair the damage. The Durisol Noise Barrier Enclosure offers a higher level of security than traditional fences with its rigid precast post and absorptive precast panel wall system. Designed for a minimum 25 year service life, the wall systems economical design not only offers durability but provides exceptional noise reduction. Made from a composite material, the Durisol panels are highly sound-absorbent and can absorb up to 90% of noise. For the best protection available for your client and the neighboring communities, there is no better option than a Durisol Noise Barrier; providing a quiet, private, safe and secure enclosure within and around Utility Stations, Solar and Wind Farms.

DID YOU KNOW?

“Copper theft is threatening U.S. critical infrastructure by targeting electrical substations. The Department of Energy recently estimated that copper theft costs U.S. businesses nearly \$1 billion (USD) in losses annually.”

Mark Koba, CNBC

An Updated Assessment of Copper Wire Thefts from Electrical Utilities (Article)

Visual Appeal

Panels come in a variety of architectural textures, patterns and colors

Ease of Installation

Lightweight post and panel system calls for minimal lifting equipment and crew

Quieter Surroundings

Alleviate noise concerns by using Durisol sound absorbing panels versus standard precast panels

Engineered to Last

Our walls have been in continuous service since 1977

Non-conductive

Designed to prevent electrical conductivity through panels and posts

ACRYLITE® Soundstop Utility Noise Barrier Enclosure

Incorporate ACRYLITE® Soundstop Non-conductive, Reflective and Transparent Noise Barrier sheets to allow light and visibility for maintenance workers in utility yards. Translucent sheets, as shown, provide light and offer an additional level of privacy over traditional transparent sheets.

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.

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