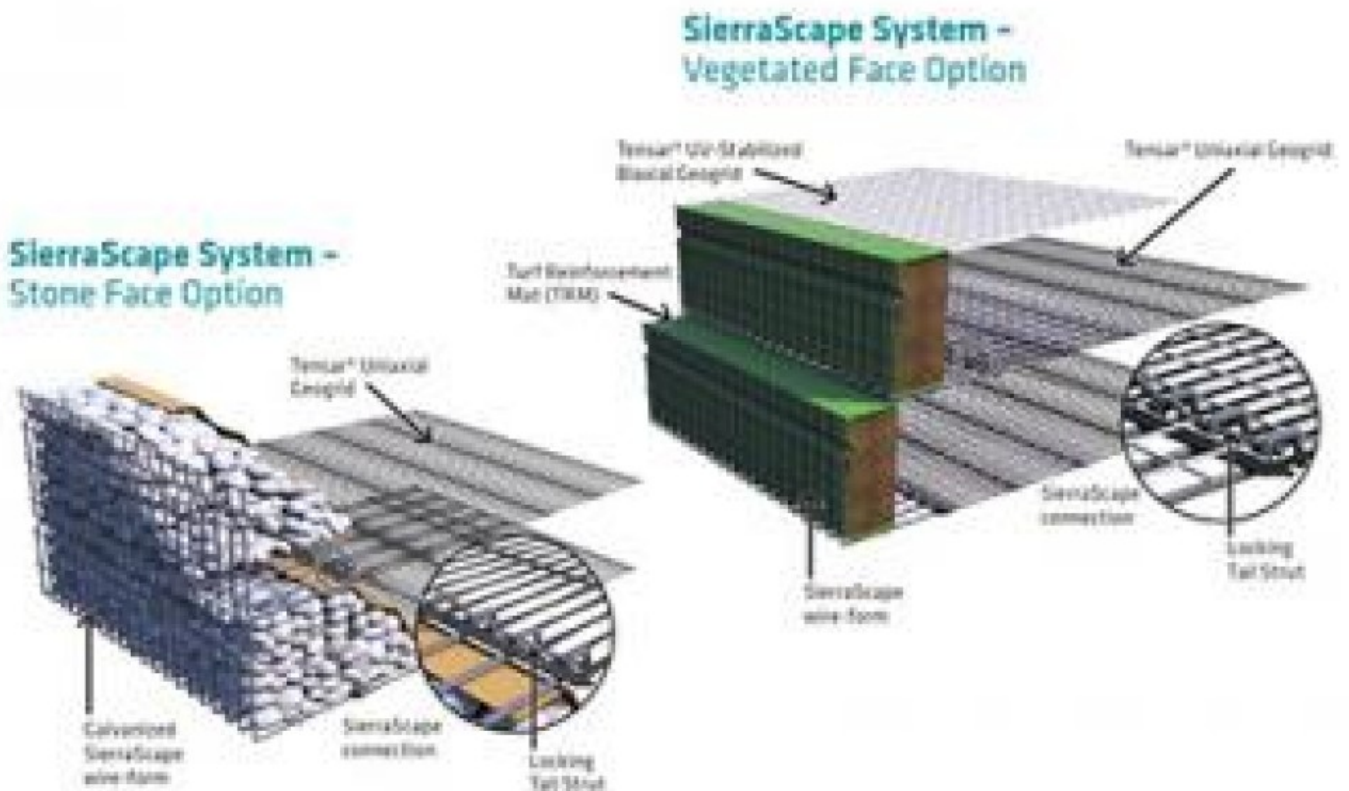


High Quality Retaining Wall Solutions Offered By NILEX

From hard surfaces to green walls to wire faced walls, Nilex solutions can be applied to residential, industrial and commercial sites with ease.



Alberta, Edmonton, May 4, 2021 (Issuewire.com) - Residential spaces can be improved by the installation of retaining walls. Clients can choose from a wide variety of solutions including structural walls that improve privacy, hard-scaped walls, and vegetated slopes. Nilex offers multiple [retaining walls in Calgary](#) and other parts of Canada that can help steepen slopes and accommodate vertical changes. This feature is beneficial for commercial spaces as it can help maximize the area of land

available for development. Retaining wall solutions for industrial spaces take into consideration the heavy loading conditions and the need to maximize space in these sites.

The different retaining wall systems offered by Nilex are Envirolok, Gabions, MESA, Sierra Slope, and the SierraScape system. The [retaining wall materials](#) used in Envirolok are soil bags combined with spikes and materials that reinforce soil. This is best suited for steep slopes and shorelines as the roots of the vegetation will lock in the system preventing topsoil erosion. Gabions can be considered [rock retaining walls](#) as they are essentially baskets of wire mesh filled with rocks and stones. They are permeable and strong. When combined with the appropriate geotextile they help control soil erosion and provide hydraulic stabilization.

MESA is a segmental retaining wall system offered by Nilex. They are composed of geogrids that are resistant to corrosion, MESA segmental blocks that are concrete blocks with low absorption and high strength, and MESA connectors that connect the geogrids to the concrete blocks. The concrete block units used in these walls improve aesthetics, versatility and make them an economical solution. The high strength of the MESA blocks makes this the perfect solution for industrial sites with heavy loading conditions.

Nilex's Sierra Slope retention is an MSE that incorporates into its [retaining wall design](#), the natural vegetation of the terrain. The Sierra Slope system is composed of uniaxial geogrids that reinforce soil mass, biaxial geogrids that provide further reinforcement to ensure the stability of the surface, step walls, and a facing system that is specific to the site.

The SierraScape system is a wire-formed wall retaining system and consists of uniaxial and biaxial geogrids for reinforcement of soil, geotextiles, facing units that could be stone or architectural structures or vegetation, connection rods to facilitate the connection of the geogrids with the facing units, and landscaping parts. SierraScape is also a rock-retaining wall

While most of Nilex's solutions use geogrids and geotextiles that are permeable, allowing for drainage. Systems of [retaining walls with drainage pipes](#) use High-Density Polyethylene (HDPE) pipes. They are rust-resistant non-corrosive making them very durable and not prone to deterioration.

*About: Nilex has been offering geosynthetic solutions for over 40 years now. Every solution is intended to be beneficial to clients economically and provide a technical advantage without compromising on the environment. This extends to the **retaining wall systems** that are offered by Nilex.*



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