

Wall Solutions for the Rail Industry



KEYSTEEL[®] SQ FT »

a world-class structural retaining wall system that is specifically designed for use with heavy construction



BIN WALL »

easy to install in difficult or restrictive conditions and, when backfilled, transforms the soil mass into an economical gravity-type retaining wall



WIRE FACED WALLS »

assembled onsite, these monolithic structures provide low cost, long-term soil stabilization and can be designed for virtually any height or loading condition

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Wall Solutions for the Rail Industry: Multiple Solutions. One Provider.

MSE with Keystone Walls »



Featured Project: Colorado Rail Tunnel Construction

Design Challenges:

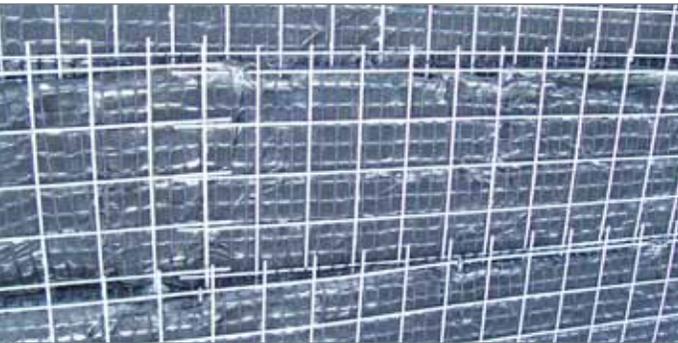
- » Differential settlement
- » Lower-spec granular backfill
- » 100T dead and live load
- » Complex geometry

Solution: Keystone® KeySteel® SQ FT System

Advantages:

- » Cost-effective
- » Can be skewed around obstructions
- » Incorporates either steel or grid for reinforcement based on application
- » Labor economies of unskilled workers
- » High performance of steel reinforcements

MSE with Welded Wire Walls »



Application: Retaining Walls for Rail

Advantages:

- » Easily assembled even in remote site access locations
- » Significant cost-savings compared to other solutions
- » Incorporates either steel or grid for reinforcement based on application
- » Utilize onsite fill

Contech Bin-Wall »



Application: Gravity-Type Retaining Walls for Rail

Advantages:

- » Cost-effective
- » Quick and easy to install in restrictive conditions
- » Strength with flexibility - allowing for shifting with unforeseen ground movements that might damage or destroy rigid-type walls
- » No heavy equipment necessary to assemble