



EARTH-FILLED SCREEN



An earth-filled screen uniquely combines highly effective noise reduction with natural aesthetics. The principle is simple yet intelligent: A conical noise barrier filled with soil material and vegetation. The result is a plant-covered noise-reducing wall with excellent acoustic performance.

Thanks to its modular system, an earth-filled screen fits into any type of terrain. This makes it suitable for almost any situation – from noise reduction for private properties to municipal and state roads, including motorways. Another major advantage of an earth-filled screen is that, compared to for example earth berms, it requires only one fifth of the space while still providing even more effective noise reduction.

Advantages of an Earth-Filled Screen:

- Easy and quick to install
- Requires no complicated foundations or pile driving
- Very high noise-reducing performance
- High absorption of fine dust and pollutants thanks to the plants
- Denser green walls due to vegetation from the inside out
- Possibility to reuse excess soil, eliminating costs for transport and disposal
- Resistant to graffiti
- Space-saving (80% less than an earth berm)
- Blends harmoniously into the landscape and enhances built-up and grey urban areas
- Highly competitive price in relation to performance

Design Options

Delivery of assembly kits for self-installation (contractors and municipalities)

- Self-installation with on-site technical support from DAV NORDIC
- Complete construction installed and delivered by DAV NORDIC

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