



Climatewall





NOISE PROTECTION FOR TODAY,
TOMORROW AND THE FUTURE



Product properties

- Trapezoidal cross-section with a height of up to 39 feet
- Easily snap together
- Dimensionally stable and durable for up to 70 years
- Consisting of carrier profiles, vertical needles and steel grid

Advantages

-  Binds 100 % of its own production emission of CO₂
-  Contains static elements that last at least 60-80 years
-  Consists of 98 % on-site excavation soil
-  Significantly less expensive than conventional noise barriers

Climate Handprint 



climatewall.com



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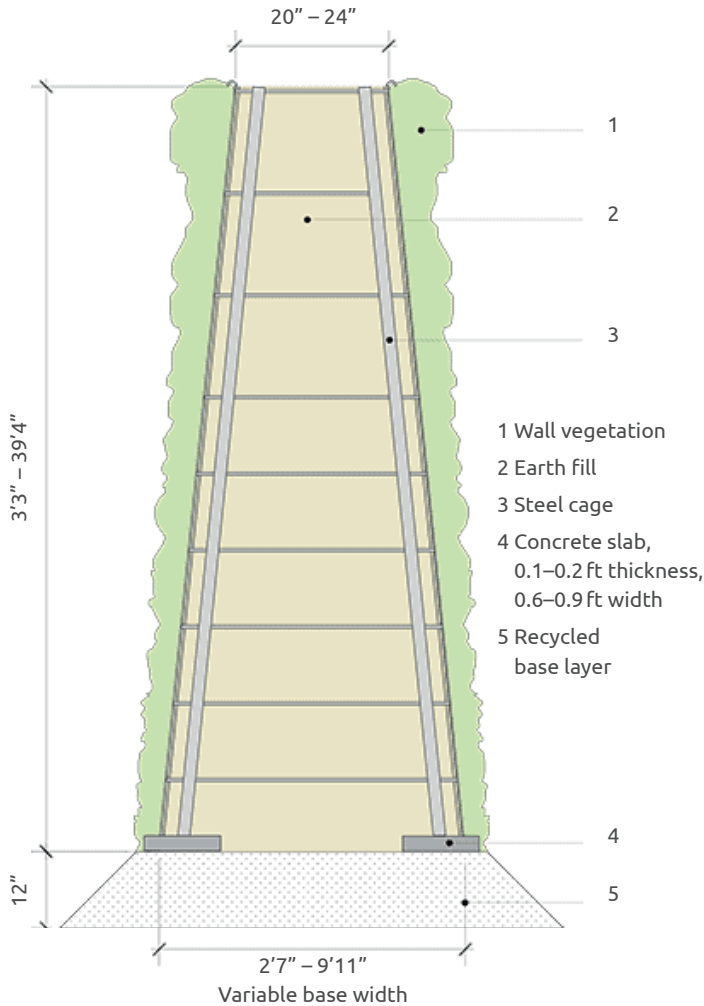


INNOVATION IN GREEN

Climatewall

Climatewall is the first noise protection wall designed, manufactured and installed strictly in accordance to the rules of sustainability and with the aim of absolutely reducing CO₂ emissions. At the same time, people living in the place of immission enjoy first-class sound insulation and absorption and benefit from the plantability of the noise barrier. The climate wall impresses with its optimal cost-benefit ratio.

Our climate wall is a trapezoidal noise barrier, which is built modularly and right on location. On the one hand, this shape allows a height of up to 40 feet even with minimal construction widths. On the other hand, no deep foundation is necessary, which means that the climate wall can be used in many places. With a sound insulation value of 68 decibels (dB) and a sound absorption of 20 dB, the Climatewall fulfills even high sound insulation requirements, for example on roads and railways.



*dimensions = feet and inches

Classification of acoustic properties

	Sound insulation	Absorption	Sound Transmission Class
Climatewall	DLr = 68 dB	DLa = 20 dB	STC = 53



In addition to planting greenery and minimizing the use of resources, the company keeps its interference with nature as low as possible. Furthermore, the climate-neutral noise protection wall systems can be easily deconstructed (KlimAktiv, 2020).

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CLOSE TO NATURE

Climatewall

consists of 98 % of local soils

is the cheapest noise barrier on the market

climate-friendly production

blends seamlessly into the landscape

green compensation

excellent acoustic characteristics



CO₂-positive in the medium term

habitat compensation



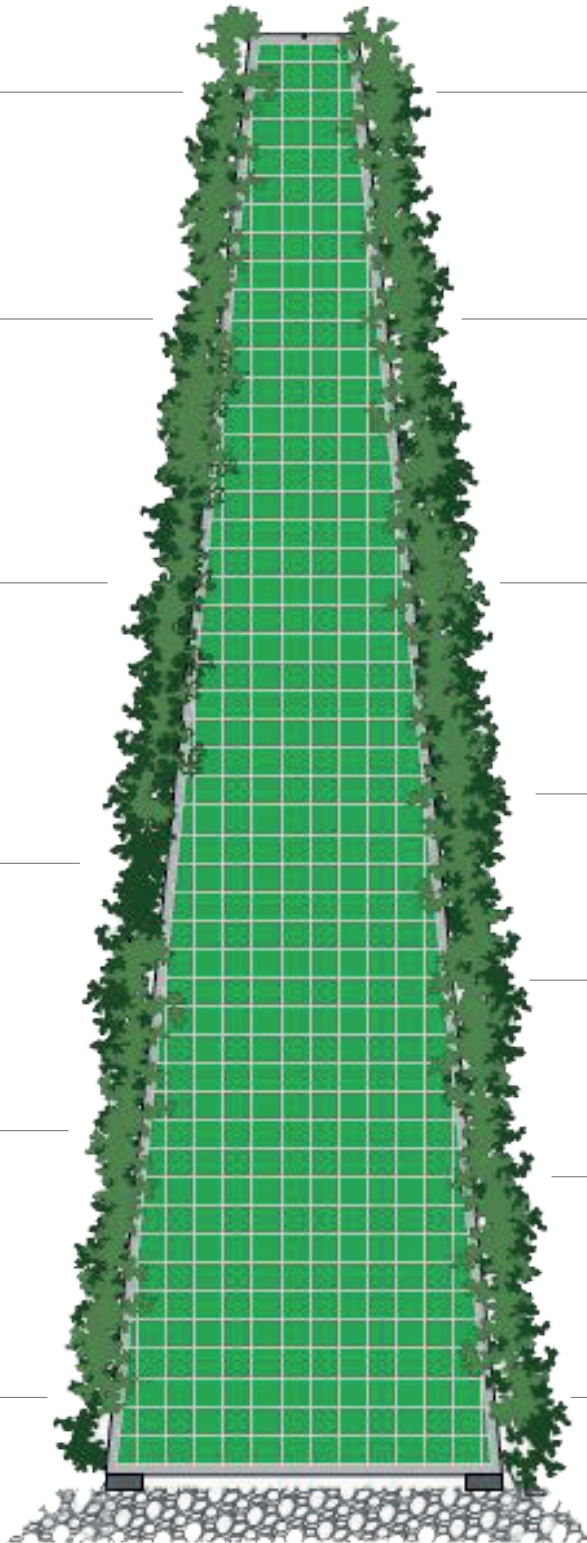
permanent greening

three-dimensional fine dust filter

photovoltaics easily upgradeable

simple gravel foundation

improves the microclimate



Construction height up to 39 ft

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