



Climatewall S

**PRACTICAL AND QUICKLY
ERECTED NOISE BARRIER**



Product properties

- Particularly narrow element (only 13 cm)
- Classic design with steel girders into which wall elements are embedded
- Extremely stable steel cage
- Can be extensively greened
- Can be easily combined with other noise barrier types such as glass

Advantages



Achieves the highest sound insulation values



Natural look of a natural stone gabion



Can be planted with greenery without issues



Minimal space requirements

Climate Handprint



climatewall.com



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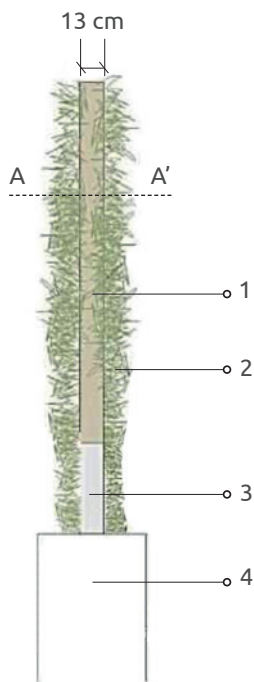
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Climatewall S

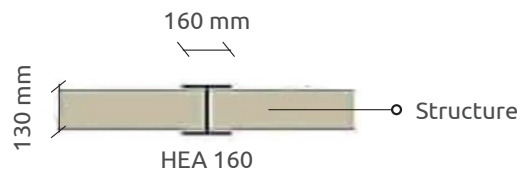
Practical and quickly erected, the **Climatewall S** Noise Barrier is ideal for busy roads to keep engine and other noise away from residential areas. In cases where houses are situated almost directly on major roads, this pragmatic and ecological noise barrier system, with a minimum width of just 13 cm, provides a solution. Pre-assembled

individual elements can be easily erected with a plug-in system, requiring preparation only for the base element with deep foundation. From the outside, the surface of Climatewall S is nearly indistinguishable from wider movable walls. Climbing plants can grow along the outer grid, giving the surface a lush green appearance.

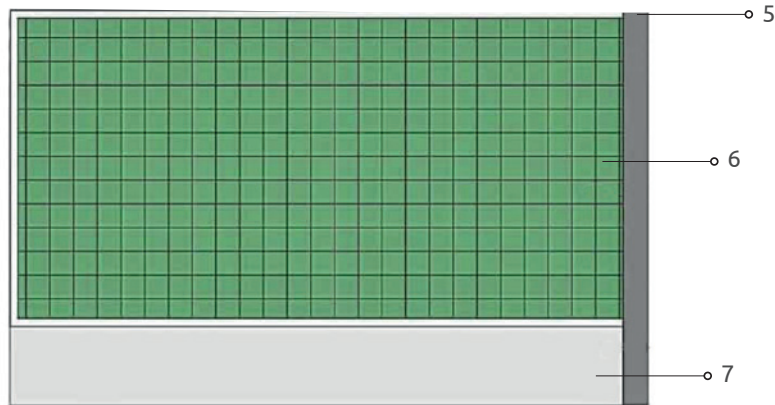
Cross section M = 1:25



Section A-A' /
Plan view M 1:20



- 1 Noise barrier element
RAU Climatewall S-Type E
- 2 Greening
- 3 Base element
(precast concrete element)
- 4 Drill pipe/drill pile
- 5 HEA 160
- 6 Noise barrier element
RAU Climatewall S-Type E
- 7 Base element
(precast concrete element)



Classification of acoustic properties

	Sound insulation	Absorption
Climatewall S	DLr = 27 dB	DLa = 12 dB

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).