



Germany's Kohlhauer GmbH is making news with a sound insulation wall made of rock wool that provides not only an outstanding noise barrier, but also support for climbing plants with unique, environmentally friendly properties. Called KOHLHAUER PLANTA<sup>®</sup>, the sound insulation wall features excellent sound-dampening and highly absorbing properties on both of its sides, a space-saving footprint and an innovative frame concept that makes assembly quick and easy.

## New Sound Insulation Wall Goes "Green" to Solve Noise Abatement Issues

**K**ohlhauer's new Planta sound insulation wall and innovative frame system successfully passed their baptism by fire at an insulation completed near Zurich, Switzerland, at the end of May. Used as a noise barrier between a nearby residential area and the loading ramps of an industrial concern, Planta immediately gave nearby residents the peace and quiet they coveted. The side of the wall facing the residential area was subsequently planted with a variety of climbing plants and other greenery, offering a beautiful optical bonus in addition to the wall's primary function as a noise insulation barrier.

Kohlhauer developed the idea for the innovative new Planta

system from the ground up, taking only six months to move from the initial idea to series production. Planta stands head and shoulders above the competition with its excellent sound insulation and exceptional sound absorption properties. The system's structural aluminium frame and a specially developed lattice-like grate give the system a high degree of stability that supports a wall high enough to handle virtually any noise abatement problem, even in locations where high winds might otherwise be a concern.

Workers who assembled the Planta system in Zurich were especially impressed with the system's easy assembly options. The system's patent-

pending fastening technology makes it possible to assemble the wall's elements without the need for screws, drilling or other processing of the wall's posts. This not only significantly reduces the time needed for assembly, it also protects the galvanized or otherwise coated wall elements from scratching and subsequent corrosion.

The high degree of standardization in the Planta system makes the cost-effective realization of a sound insulation wall easier than ever before. A variety of adjustable modules make it possible to compensate for differences in elevation and use the wall's elements in uneven terrain. The top-most elements can also be

retrofitted with a protective cover at any time without the need for screws or rivets. The Planta system is available in an optically rich color palette and offers a variety of options with respect to the lattice weave that make the system more than a match for virtually any noise abatement challenge.

Additional information is available from Kohlhauer GmbH on request or by visiting the Kohlhauer website at [www.kohlhauer.com](http://www.kohlhauer.com). ■

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