

PRESS RELEASE

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Engineered in Austria: New system for impact and noise protection developed

DELTA BLOC International GmbH operates worldwide as a market and technology leader in the field of vehicle restraint systems. With the new PHONOBLOC® DB NBF system, the restraint system and noise protection are effectively combined for the first time. The Lower Austrian company is now leaping across national borders.

PHONOBLOC® noise protection systems protect neighbors from noise pollution along busy streets and railway lines and are therefore a pivotal issue in modern traffic route planning. Now it has been possible to combine noise protection and a restraint system in an efficient way in the PHONOBLOC® DB NBF system. DB NBF has no foundation and consists of only 3 components - a heavy base element made of concrete, traditional steel supports and modular, freely selectable noise protection panels. PHONOBLOC® DB NBF is the world's only free-standing noise barrier up to a wall height of 6 meters. The construction width is extremely narrow at only 1.25 meters.

The small footprint of the DB NBF system is a clear advantage. The system, which has been crash-tested according to containment levels H2 and H4b in accordance with EN 1317, ensures maximum efficiency and maximum noise protection up to class A5 on the media as well as along the side of motorways and roads.



Left and center: PHONOBLOC® DB NBF installation along the A2 in Slovenia near Višnja Gora.

Right: PHONOBLOC® DB NBF during the EN1317 crash test for retention class H4b.

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Designed in Austria, produced all over the world

In the Austrian "home market", business with PHONOBLOC® noise protection systems is already in full swing. The Lower Austrian experts for the Austrian Federal Railways have already installed 50,000 square metres along railway lines and stations, designed for train speeds of up to 250km /

h. Large noise protection projects along the A12 Kufstein / Kiefersfelden are also underway in Tyrol.

"Slovenia and Germany are our trendsetters for PHONOBLOC® DB NBF, the first projects have already been implemented there" explains DELTABLOC International Managing Director Dr. Thomas Edl. "Noise protection is becoming increasingly important in modern road construction and we are proud that we can implement our latest developments as pioneers."

What has proven itself in Slovenia and Germany also has great opportunities in other export markets. In this respect, nothing stands in the way of the Europe-wide rollout of PHONOBLOC® DB NBF technology.

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About DELTABLOC®/Kirchdorfer Road & Traffic

In 2019, the Kirchdorfer Group expanded its portfolio with the "Road & Traffic" division. The new division mainly covers the areas of passive road safety and noise protection. It is both a driver of innovation and a leading developer of vehicle restraint systems made of steel and concrete as well as rentable, portable construction site safeguards. Under the product brands DELTABLOC®, STEELBLOC®, PHONOBLOC® and CITYBLOC®, sales are carried out in cooperation with international license partners. Installations are to be found in more than 30 countries. Further information: www.deltabloc.com