

Tender Sample Text

SILENT PLUS

Delivery and installation of Silent Plus noise protection gabion

To provide and install wire mesh baskets with a filling of hard and durable, sufficiently strong frost, weather and pressure resistant stone material; incl. sound-absorbing core within.

Wire mesh baskets consisting of 3 compartments with internal sand core for insulation of the passage sound in combination with selected stone material for reduction of the sound reflection.

Wire mesh baskets, made of electro-spot-welded, steel-wire mesh-grids with curved and welded eyelet.

Inside partitioning grid with wire overhang.

Standard basket sizes: Length: 100cm/200cm
 Width: 100cm/200cm
 Height: 50cm/100cm

Basket size: (LxWxH in cm) _____ cm

Mesh size: 5x10cm Front, back and vertical visible grids
 10x10cm bottom, cover, inner lateral and partitioning grid
Wire size: Ø 4,5mm (optional Ø 5,0mm)
Locking rods: wire-Ø 6,0mm
Staying rods: wire-Ø 5,0mm

Spacer tube made of PVC and geo-textile sack GRK 3 PP 200 g/m²

All items are made of Zn95%/Al 5% wire – with a corrosion resistance of min. 3.000 h salt spray testing, according to DIN EN ISO 9227-NSS, with modified parameters as a minimum thickness of 350g/m² and a tensile strength of min.450 N/mm².

Manufacturer DIN EN ISO 9001- certified.

Connection of grids with locking rods.

Variant sound-absorbing and absorbing on one side

Noise protection basket to reduce the passage sound acc. DIN EN 1793-2 with at least 37 dB (A) including joints category B 4, Sound insulation core of river sand grain 0/1 in fleece sack.

Noise protection basket absorbent acc. DIN EN 1793-1 category A 2, Filling material on the side facing the sound: stones 63/125 mm. On the side facing away from the sound, you can choose stones either 63/125 mm or 125/250 mm layered as dry masonry.

Variant sound-absorbing and highly absorbent on one side

Noise protection basket to reduce the passage sound acc. DIN EN 1793-2 with at least 37 dB (A) including joints category B 4, Sound insulation core of river sand grain 0/1 in fleece sack.

Noise protection basket highly absorbent acc. DIN EN 1793-1 category A 5, Filling material on the sound-facing side: foam lava approx. 60/120 mm. On the side facing away from the sound, you can choose stones either 63/125 mm or 125/250 mm layered as dry masonry.

The complete stone filling has to be tightly packed without voids.

A compensating layer must be applied in order to avoid settlements between superimposed baskets.

Gabions have to be filled with hard and durable, sufficiently strong frost, weather and pressure resistant stone material.

The grain size has to be bigger than the mesh size.

Total Height: up to _____ m
consisting of _____ pieces (LxWxH)/baskets

To install component parts and to fill with stone materials without voids according assembly instructions of supplier at construction site.

Proof of delivery: Rothfuss Best Gabion GmbH & Co. KG
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or similar