



# Noise reducer HA

## Demarcation / Noise barrier

The Noise reducer HA is an extremely effective sound wall with very high noise insulation and absorption properties. The cleverly designed sandwich construction contains:

- A layer of noise absorbent mineral wool
- A thin metal plate in the centre for extra noise insulation
- A second layer of noise absorbent mineral wool
- All encased in a steel u-profile frame with a galvanised steel wire-net (front and back) and HDPE windshield

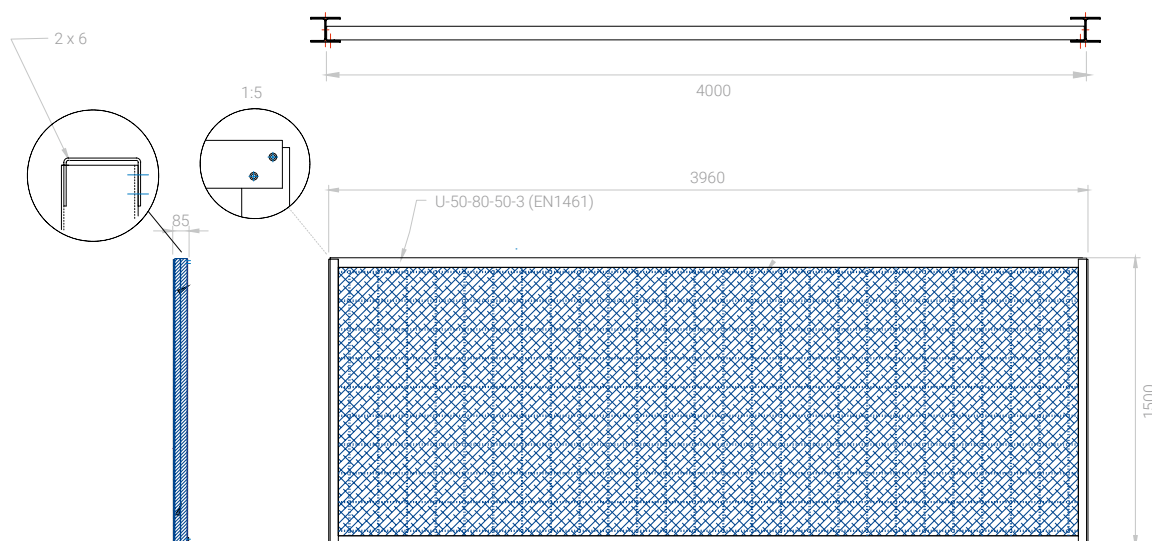
Because of their small footprint and easily installed pre-fabricated format, these barriers are ideal for protecting residential areas, offices, shops and schools from busy roads, factories and noisy industries. The solid construction means the panels can be stacked on top of each other to heights up to 6 metres.

- **Very effective noise insulation and absorption**
- **Solid construction suitable for heights up to 6 metres**
- **Ideal also as perimeter and sight protection**
- **Lightweight with small footprint for easy installation**
- **Satisfies the most stringent noise reduction directives**

Experts in perimeter protection



## Drawings (dimensions in mm)



## Technical specifications

<b>Panel material</b>	Steel u-profile frame (U50/80/50/3) with hot-dip galvanized mesh (6 mm), Mineral wool (40 mm) covered in PE separator mesh (2 mm), Coated steel insulation plate (0.75 mm), Mineral wool (20 mm) covered in PE separator mesh (2 mm), HDPE windshield
<b>Panel width</b>	960, 1960 en 2460 mm
<b>Panel height</b>	1000 en 2000 mm
<b>Panel thickness</b>	85 mm
<b>Panel weight</b>	25-30 kg/m <sup>2</sup>
<b>Panel sound insulation</b>	30 dB (group B3 conform DIN EN 1793-1)
<b>Panel sound absorption</b>	11 dB (group A4 conform DIN EN 1793-1)
<b>Panel colour</b>	RAL 6007 (dark green), RAL 7016 (anthracite grey)
<b>Fence height</b>	Maximum 6000 mm
<b>Post profile</b>	IPE 140-240
<b>Post finish</b>	Galvanized (hot-dip)
<b>Post centre-to-centre</b>	1000, 2000 en 2500
<b>Post connections</b>	Self-drilling screws (6.3 x 38 mm)
<b>Panel connectors (top and bottom)</b>	4xM16 to M30x90 bolts, 4xM16 to M30 washers

## Certificates

- CE (conform EN1 4388: 2005 and GCW2012)
- NEN-EN-ISO-717-1

## Ordering information

Contact your local Heras office for precise ordering details.

## Suggested accessories / products

- Special noise reducing doors
- Concrete gravel board