



VĨNH HƯNG®



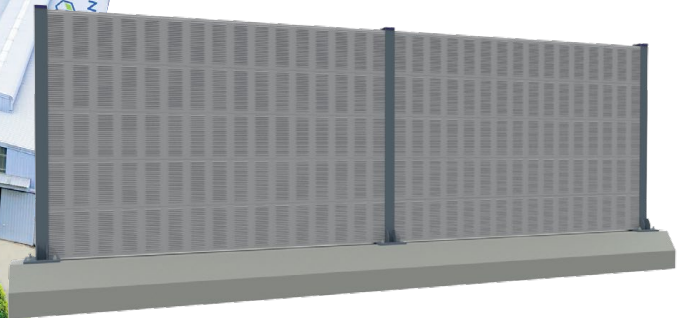
Vietnam Value

Proud to be

VIETNAM'S NATIONAL BRAND

VINH HUNG TRADING, CONSULTING
AND CONSTRUCTION JOIN STOCK COMPANY

NOISE BARRIER



CERTIFIED
ISO 9001



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1. PRODUCT OVERVIEW

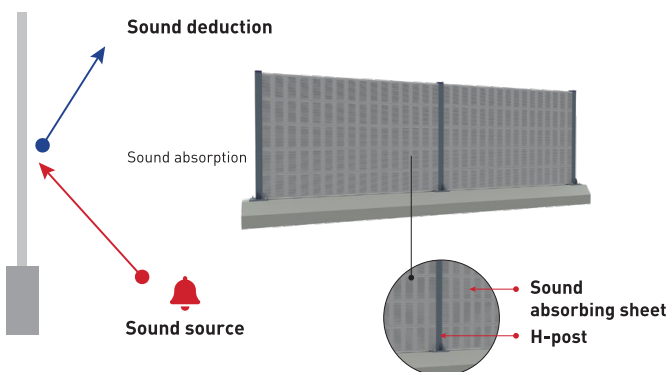
Noise barriers, manufactured and supplied by Vinh Hung Investment and Production Company Limited (Vinh Hung IP) are in compliance with standards: **TCCS 45:2022/TCĐBVN, TCVN 11823:2017, BS EN 1794:2003, TB/T 3122-2019, TB 10505-2019,...**, are able to minimize the noise affecting surrounding area (residential areas, hospitals, schools, industrial parks, etc.) and ensure a fine landscape. The noise barriers are windproof and aid to driver's concentration which could increase safety for people and other vehicles.



2. PRODUCT CHARACTERISTICS

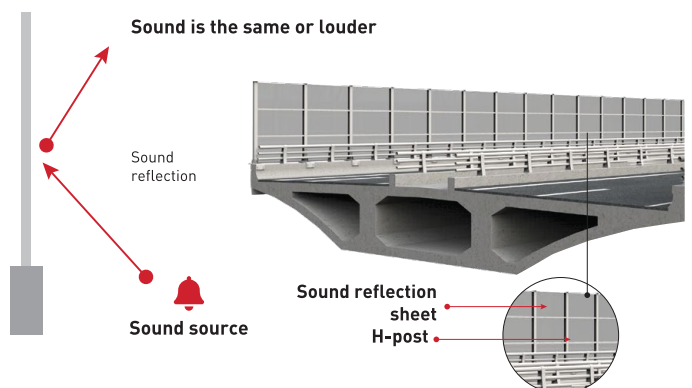
Absorptive noise barrier:

- Using sound-absorbing materials, punch plates, etc., which prevent sound reflection.
- Sound absorption standard rating: Noise Reduction Coefficient – NRC describes the average sound absorption performance of noise barrier.
- For the absorptive noise barrier, the NRC will be within 0.6 to 0.9 range (FHWA highway noise barrier design handbook).



Reflective noise barrier:

- Using good noise insulation materials such as Polycarbonate panels (PC), Poly methyl methacrylate panels (PMMA), Glass laminate.
- Sound reflective standards: Transmission loss coefficient - TL will measure the amount of sound energy hitting on or transmitted through the barrier.
- For the reflective noise barrier, the TL coefficient is >25dB at 500Hz and >30dB at 1000Hz (according to KS F4770 standard).



3. INSTALLATION

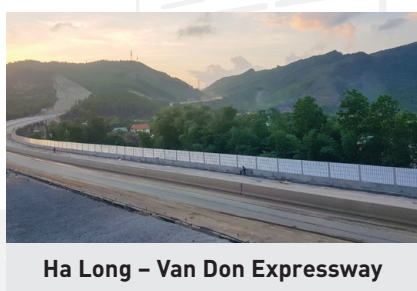
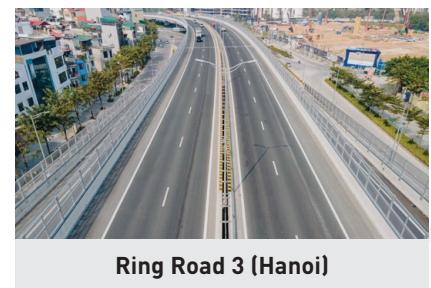
Preparation:

- Prepare installation materials, tools and equipment.
- Check the surface of base structure:
 - Check the distance among the anchor bolts.
 - Check the dimensions of posts' flanges, positions of bolt holes and anchor bolts.

Installation steps:



4. TYPICAL PROJECTS



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