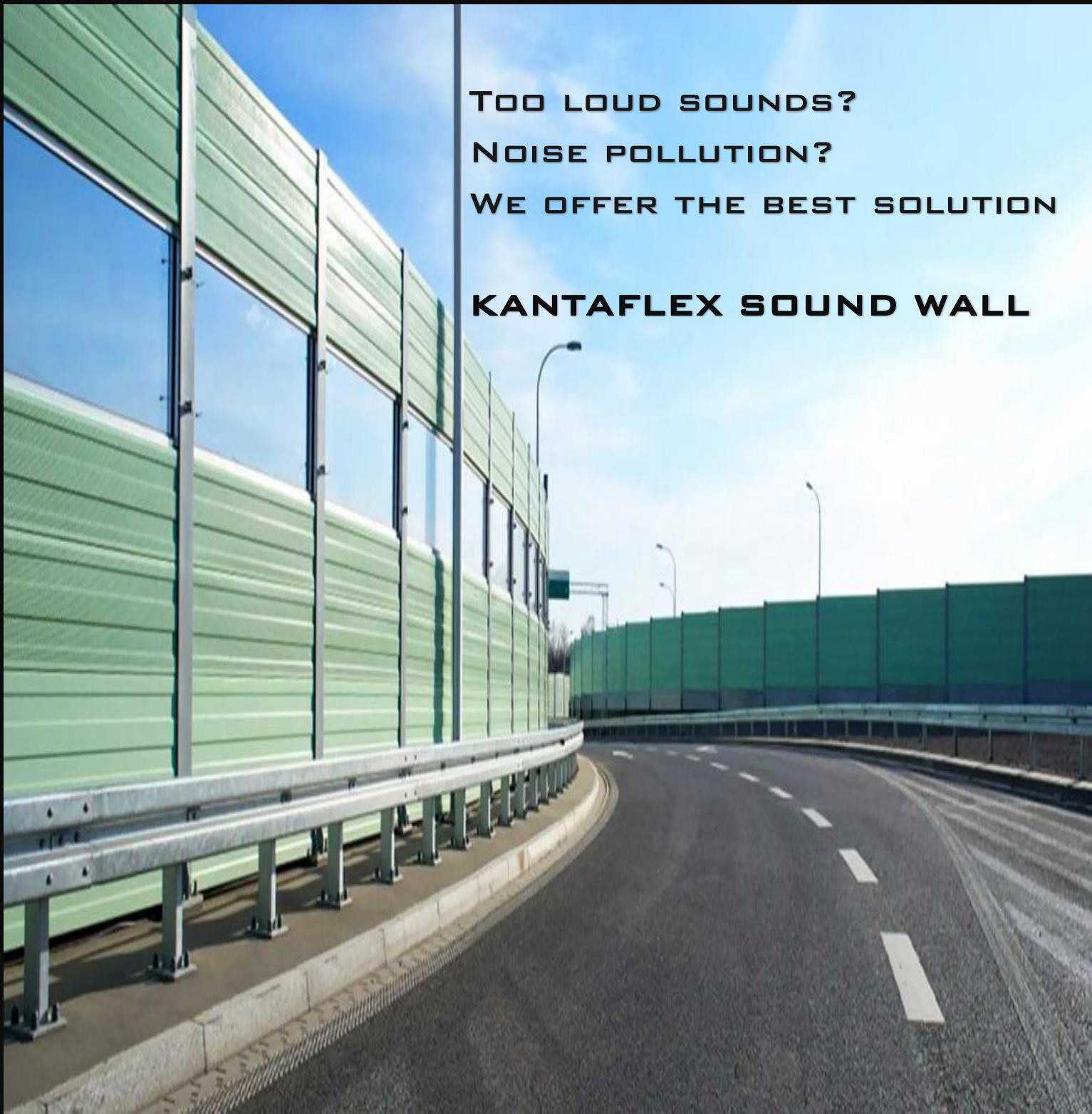




**KANTAFLEX**  
INDIA PRIVATE LIMITED

**TOO LOUD SOUNDS?  
NOISE POLLUTION?  
WE OFFER THE BEST SOLUTION  
KANTAFLEX SOUND WALL**



**SOUND WALL**

ABSORPTION SOUND WALL  
REFLECTIVE SOUND WALL

## CAUSES OF NOISE POLLUTION



VEHICLES



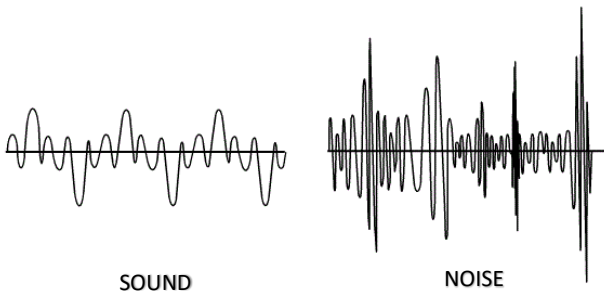
RAILWAYS



AIRWAYS



INDUSTRIES



SOUND

NOISE

### Difference between sound and noise?

Sound is generally characterized by continues and regular vibration considered to be present

Noise is characterized by more irregular vibrations considered to be unpleasant sound that causes disturbance

### How can we reduce noise?

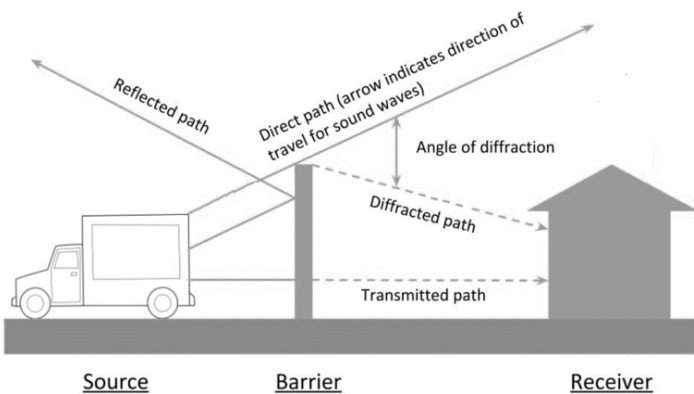
We can reduce the amount of noise transmission by using a specially designed exterior structures called as noise barriers.

### What is a noise barrier?

Noise barrier is an exterior structure that are specially designed and build on the side of the road, railways, airports and industrial areas to protect the sensitive land use areas like homes, businesses, hospitals, schools etc.

### How does it work?

Noise barrier reduce the noise by blocking the direct travel of sound waves from a source to adjacent sensitive land use areas by absorption or reflection, forcing the waves to reflect or diffract the waves over the top and around



NOISE BARRIER WORKING PRINCIPLE

### Where we can use the noise barrier?

We can use the noise barrier on the side of the road, railways, airports and industrial areas where the sound transmission exceeds the limit in the following table.

AREA	DAY	NIGHT
Industrial area	75db	70db
Commercial area	65db	55db
Residential area	55db	45db
Silent zones (hospital, school, homes etc.)	50db	40db





ABSORPTIVE PANEL

BARRIER POLES

### **KASW** (KANTAFLEX ABSORPTION SOUND WALL)

Kantaflex absorption sound walls are absorptive paneled exterior structures, specially designed to absorb and reflect the transmitted sound waves and provide an aesthetic pleasing look.



#### **FEATURES**

- Lightweight & Durable
- Galvanized perforated sheets
- Transmission loss up to 26dB
- 50mm to 200mm thicknesses (customizable)
- Can handle wind load as per IS standards
- Easy installation and removal
- Horizontal or vertical installation
- Weather resistant & Self-draining
- Maximum acoustical performance
- All products independently tested
- 5 year warranty
- Unlimited color selection

#### **APPLICATION**

- Highways, Railways, Airports & Industrial Zones





REFLECTIVE PANELS  
BARRIER POLES

### **KRSW** (KANTAFLEX REFLECTIVE SOUND WALL)

Kantaflex Reflective Sound walls are exterior structures, specially designed to reflect the transmitted sound waves and provide an aesthetic pleasing look.



#### **FEATURES**

- Lightweight & Durable
- Transmission loss up to 28dB
- 5mm to 10 thicknesses (customizable)
- Can handle wind load as per IS standards
- Easy installation and removal
- Horizontal or vertical installation
- Weather resistant & Self-draining
- Maximum acoustical performance
- All products independently tested
- 5 year warranty
- Unlimited color selection

#### **APPLICATION**

- Highways, Railways, Airports & Industrial Zones



**KANTAFLEX**  
INDIA PRIVATE LIMITED

### OUR RANGE OF PRODUCTS



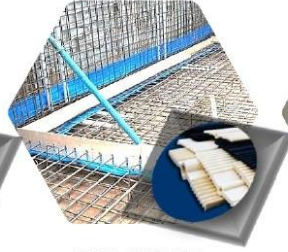
**BRIDGE BEARING**



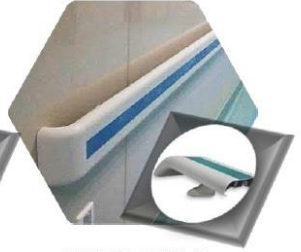
**BRIDGE EXPANSION  
JOINTS**



**ARCHITECTURAL  
EXPANSION JOINTS**

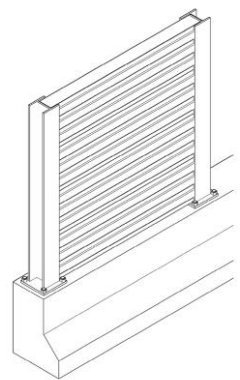
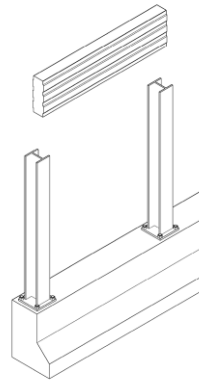
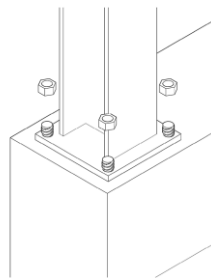
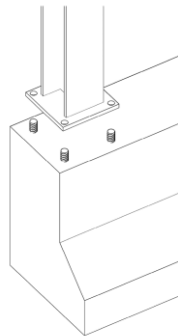
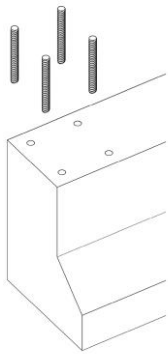


**PVC WATER  
STOPPER**



**HAND RAILS**

### INSTALLATION



#### CORPORATE OFFICE

NEW NO: 213, (OLD NO: 113),  
PRAKASAM SALAI, BROADWAY  
CHENNAI - 600 108  
TAMILNADU

#### FACTORY

B-52(N), SIPCOT  
INDUSTRIAL ESTATE,  
GUMMIDIPOONDI,  
601201

#### MARKETING OFFICE

NEW DELHI

AHMEDABAD

MUMBAI

HYDERABAD

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#### CONNECT US

