

# POLYPLANK system SB 500 RA

## Absorbing and reflecting noise barrier



**GRAMM BARRIER SYSTEMS LTD**  
ENVIRONMENTAL AND SECURITY BARRIER SPECIALIST

POLYPLANK SYSTEM SB 500 RA IS A HIGH-EFFICIENT, ABSORBING AND REFLECTING NOISE BARRIER OF RECYCLABLE MATERIAL, SUITABLE FOR INSTALLATION OF HEIGHTS UP TO 6 METRES.

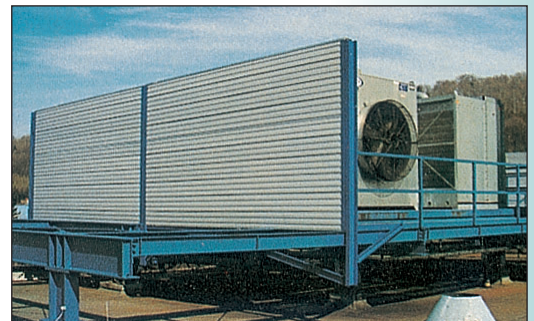
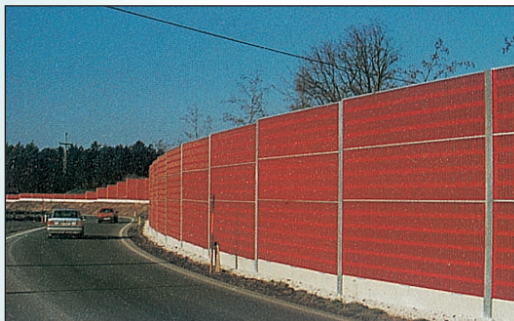
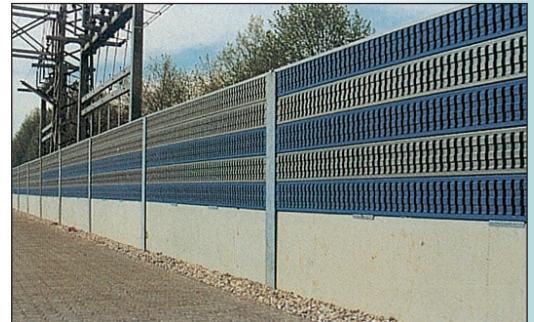
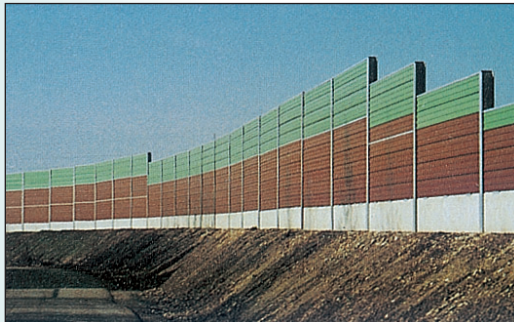
The PolyPlank system SB 500 RA is a unique, recycled product manufactured of mixed plastic waste.

The SB 500 RA system can be mounted to heights of up to 6m with a maximum c/c of 5m. Suitable for mounting on concrete walls etc.

Acoustic tests show a high absorption (9 dB) and a high airborne sound insulation (29 dB).

All components are of maintenance-free material. Easy mounting in galvanized HEA-steel posts minimises installation times, especially important on roads and railways with heavy traffic.

Over 70000 sq metres of PolyPlank SB 500 RA have been delivered in Europe.



PolyPlank SB 500 RA reflecting and absorbing noise barriers for installations of heights up to 6 metres.

### Technical specification:

#### PolyPlank boards:

Composite material of mixed thermoplastics and organic fibre.

#### Mounting height:

Max. 6000mm

#### Length:

Max. 5000mm

#### Posts:

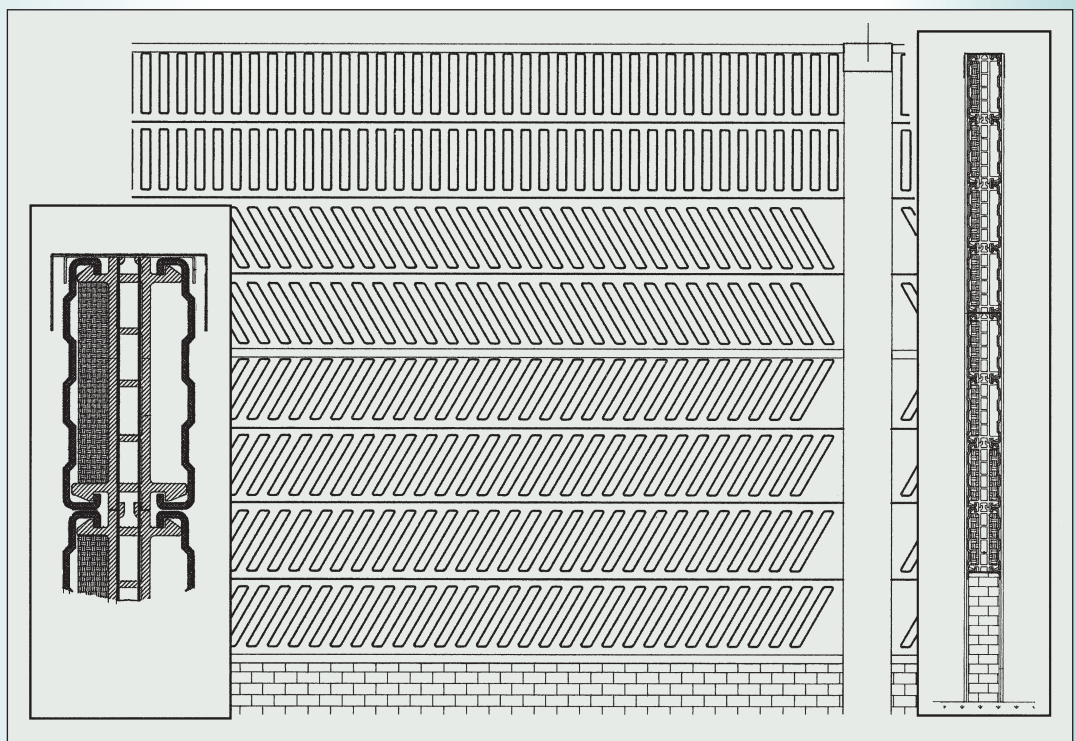
Galvanized HEA-steel posts 160-200.

#### Weight:

43kg per sq m (excl. HEA 160-200 and concrete foundation).

#### Absorbent:

Single or double-sided of 30mm recycled polyester or rockwool.



All components are maintenance-free and recyclable.



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