



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

GRAMM BARRIER SYSTEMS - NOISE BARRIERS – QUALITY OF LIFE

GRAMM BARRIER SYSTEMS GRAMM GREEN BARRIER.

**GRAMM BARRIERS GRAMM GREEN BARRIER – Innovations and benefits**

- Innovative aluminium sectional frame for increased stability
- Robust tongue and groove interlock for easy stacking of multiple elements
- Reinforced vertical bars for even higher noise barriers
- Ventilation and drain ducts for constant noise barrier performance
- Innovative click-fastening system for various vertical member sections (patent pending) reduces the assembly time effort at the construction site
- Modular standard components (3,960 x 1,000 mm, 3,960 x 500 mm) for a cost-efficient realisation of small and large-scale projects
- Various height compensation modules (stackable) for easy adaptation to different landscapes
- Extensive colour range for all system components allows for individual design



18 CLINTON PLACE, SEAFORD, EAST SUSSEX. BN25 1PJ  
Tel: 01323 – 872243 . Fax: 01323 – 872244  
Gramm Barrier Systems Registered in England and Wales No. 05836133

## GRAMM BARRIERS GRAMM GREEN BARRIER – Product specifications

- Excellent sound-insulating and highly absorptive performance, classified in B3 and A3-4 according to ZTV-Lsw on both sides
- Suitable for extensive planning on both sides
- Robust element structure for a consistent natural appearance, also without planting
- Extremely high aging and corrosion resistance
- High UV and colour resistance of all used materials
- Compatible to other GRAMM noise barrier elements
- All used materials are completely recyclable



## GRAMM BARRIERS GRAMM GREEN BARRIER – Technical specifications

- Noise insulation, group B3 according to DIN EN 1792-2
- Sound absorption, group A4 according to DIN 1793-1
- Wind load of up to 2.0 KN/m<sup>2</sup> and more
- Weight: 35kg/m<sup>2</sup> element
- Sound reduction of 34dB
- Building width 122 mm
- Fire resistance, assigned to class A1 according to EN/ISO 1716 and 1182
- Minimum useful life: 30 years
- Load bending tested according to DIN EN 1794-1



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