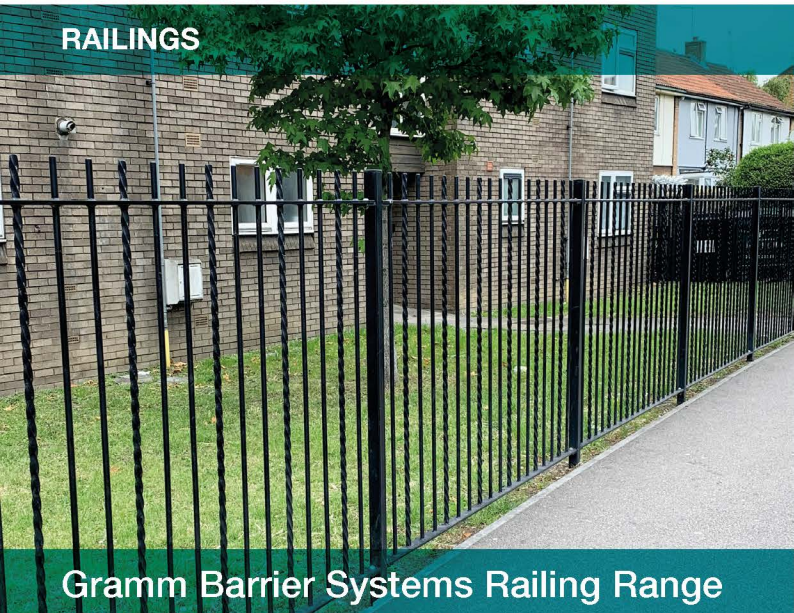# ArmaBarHEAVY

RAILINGS

Gramm Barrier Systems Railing Range

Gramm Barrier Systems range of vertical railing ArmaBar® systems offer a wide variety of sizes and styles. Each panel is made up of the highest quality materials in a galvanised finish. The panels can also be finished in a range of RAL colours to suit your requirements. Gramm Barrier Systems ArmaBar® railings offer exceptional quality, and high security whilst maintaining good visibility.

ArmaBarHEAVY® looks great around public buildings, schools, retail premises, railways and industrial buildings. Featuring SOLID steel 12, 16,20 & 22mm solid vertical railings set at 112mm centres.

Security fixings are used fastening each panel to the galvanised 50 x 50mm, 70 x 70 or 80 x 80mm RHS steel posts, this railing system is built to last. (100 x 55mm RSJ post also available) The ArmaBarHEAVY® system can be complemented with a range of forged-head and finial tops to achieve a more decorative look.

All of the Gramm Barrier Systems ArmaBar® metal railing system are manufactured to meet the relevant British Standard rating. ArmaBarHEAVY® conforms to BS 1722 part 9 for steel metal railing fences, providing excellent quality assurances and is covered by our 15 year guarantee.

Technical specifications

Height	1000mm/1200mm/1500mm/1800mm/2400mm (Bespoke height available on request)
Nominal Height	1.0m/1.2m/1.5m/1.8m/2.4m (Bespoke heights available on request)
Infill	12mm Diameter solid vertical bar railings (1.0 - 1.2m High) 16mm Diameter soild vertical bar railings (1.2 - 1.5m High) 20mm Diameter soild vertical bar railings (1.8m + High) 22mm Diameter solid vertical bar railings (2.4m + High)
Posts	50 x 50mm RHS steel posts (1.0m - 1.5m High) 70 x 70mm RHS steel posts (1.8m High) 80 x 80mm RHS steel posts (2.4m High) 100 x 55mm RSJ posts available for all heights
Fixings	M8 x 95 Cup square bolt with permacone nut
Set Posts	Set posts in holes 300 mm diameter x 600** mm deep, filled not less than half the depth with concrete
Maximum Posts Centres	2720mm
Bottom of Fencing to Be	Approx. 50mm - 100mm above final ground level
Other Requirements	PPC Colour Green RAL 6005. A full range of RAL Colours are available from Gramm Barrier Systems including marine grade and metallics

GRAMM
BARRIER SYSTEMS

East Sussex   **South East**   **Wales & West**   **West Yorkshire**   **Scotland**