

CASE HISTORY :- St AUGUSTINES SCHOOL, HYTHE, KENT

CONSTRUCTION GSE CONSTRUCTION
GABION DESIGN HY-TEN GABION SOLUTIONS



As part of the development of new classrooms, gabion walling was required to retain a walkway in front of the new building (incorporating verandas to overlook the adjacent playing field).

The design required the front face of the wall to be inclined and the rear face vertical. Above the walkway the gabions were required to act as a barrier wall (freestanding element). Bespoke units were manufactured using a combination of mesh wire diameters in 3mm and 5mm to achieve the desired quality of installation whilst providing an economical unit.

The 5mm wire diameter mesh was used on the exposed faces of the wall. This was chosen as the most suitable mesh to achieve a good quality face alignment with the specified rounded stone cobble fill, (which is more fluid than a quarried stone fill). All the mesh was Triple Life coated for longevity in a 76.2mm x 76,2mm mesh opening.

For installation of the gabions, helical connectors were provided for health and safety reasons (the helical encompasses the cut ends of the mesh fabric preventing snagging) as well as providing a consistent high quality jointing system.

The contractor was not experienced in this type of construction, therefore Hy-ten provided on site training in the assembly and erection of the gabions.



HY-TEN Gabion Solutions provide a free design service and technical support, for further information please contact :-

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