

BROOMLANDS PRIMARY SCHOOL
KELSO, SCOTLAND, UNITED KINGDOM

Architectural Cladding

Problem

Scottish Borders Council started a long term development scheme to refurbish schools in the Borders of Scotland. One of the schools included was Broomlands Primary School. The existing Broomlands Primary School was old and inefficient and in some places was made of corrugated metal panels, It was in great need of space and improvement. A complete redesign of the school was needed and a development plan was created by Stallan Brand.

Solution

Once the overall design had been agreed, Maccaferri was engaged to design, supply and install 8 free standing gabion walls which totalled 78.8m in length, with heights ranging from 1.2m to 5.4m.

Around the sides of the building Maccaferri used gabion cladding which created the external wrap which also spanned doorways and windows. The wall cladding totalled 144m in length with a wall height of 4.5m.

Since its completion, the School has featured on BBC news with its amazing architectural design. Broomlands School was judged to be one of 'Scotland's best new buildings of 2019' and makes a very successful and innovative addition to Scotland's education system.

Maccaferri used welded wire mesh gabions on this architectural project. The gabions are delivered flat packed, then they're assembled and filled on site with stones. There are many uses for these modular units but in this project they are used as free standing walls which is a use which is on the increase in architecture and landscaping due to the aesthetically pleasing look.

Maccaferri gabions baskets are a high quality mesh which is heavily galvanised providing long term corrosion protection.

Client: Scottish Border Council**Designer / Consultant:** Stallan Brand**Contractor:** McLaughlin & Harvey**Products used (Qty.)****Date of construction:** 03/2019 - 06/2019[Google Maps](#)[Google Earth](#)

The school before the re-design



Steel sections used to support gabion cladding



Gabion cladding around doors and windows



Free standing gabion wall with iconic roof design



The 2 free standing gabion walls either side of the entrance stairway



Free standing gabion wall