

Project Info



01 / 03 / 12



CC13™ Bulk Rolls



Unknown



Vertical hog-ringed double layers



Derby, UK



Jackson Civils



A perimeter of gabion defences, installed to protect against flood waters from the River Derwent in Derby, required remediation work due to erosion, vandalism and degradation caused by UV exposure.



Right justified picture caption



Degraded gabion flood defences, damaged from weathering and vandalism





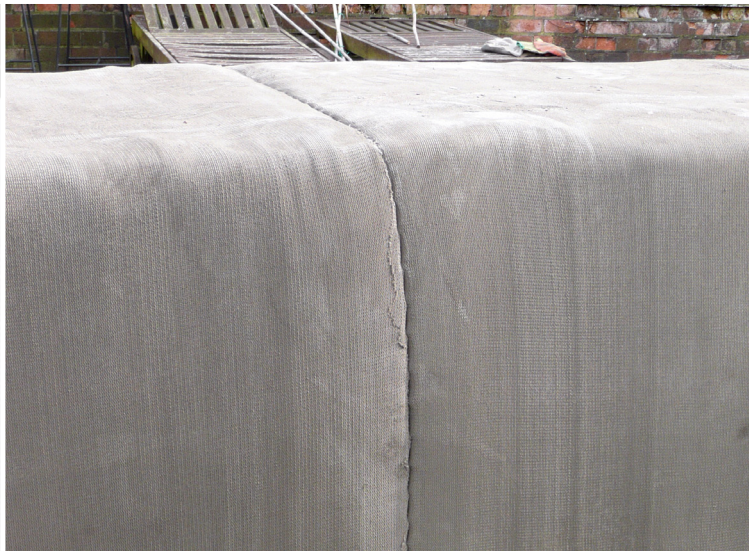
Dispensing 20m pre-cut rolls of CC13 on site before cutting to length



Fixing CC to gabion structures using re-bar staples



Hog ringed CC layers



Flush seamed joints between hog ringed CC layers



Hydrated CC prior to backfilling toe anchor trench



Completed CC lined gabion section

Concrete Canvas[™] Gabion Reinforcement

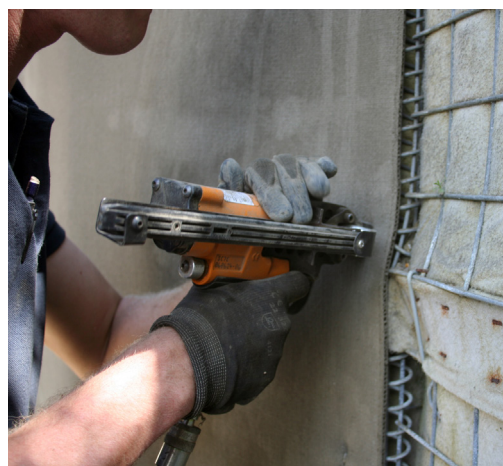
Concrete Canvas (CC) can be used to rapidly repair damaged and unstable gabion walls to provide long-term protection. CC can also be used to upgrade new or existing structures to provide a durable solution that will last for decades. CC can be rapidly applied by hand with no specialist equipment. CC is delivered in man portable lengths that are easily fixed to the gabion structures. Once hydrated, CC hardens to form a strong, durable, fire proof surface that protects and holds the structure together.

Features of CC Gabion Reinforcement

1. Prevents loss of fill if the geo-textile is degraded by UV degradation, weathering, vandalism and/or enemy fire in military applications.
2. Securely ties together multi-level gabion walls preventing movement.
3. Prevents water ingress which causes the fill to slump due to water saturation and the migration of fines.
4. Gabions can be capped with CC to prevent the fill being blown by wind or rotor wash in military applications.
5. Can be painted to improve the appearance of gabions.

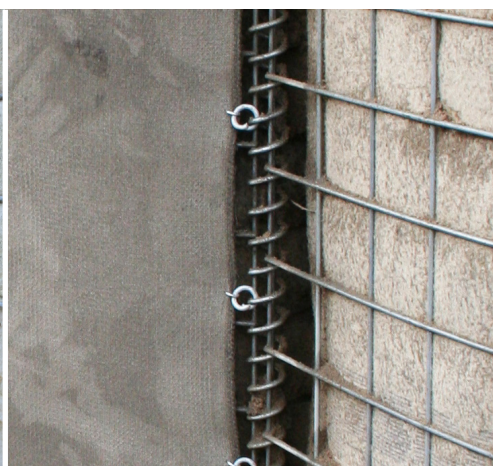


Applications Methods



Pneumatic Hogrinding

A fast method of application, where a compressor and pneumatic tool are available.



Pigtail Fixing

Using factory-fitted 'pig tail' fixings, the Canvas can be rapidly clipped on to gabions in the field. Requires no equipment.



Wire Fixing

CC can be fixed to the spiral columns using wire. This method is versatile and requires no equipment.