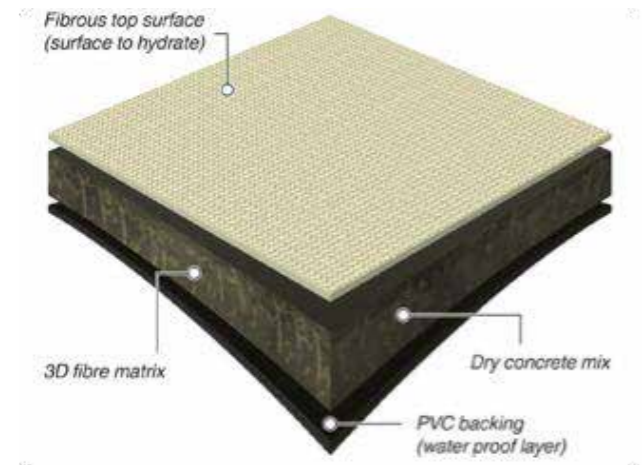


CONCRETE CANVAS

Concrete Canvas® is part of a revolutionary new class of construction materials called Geosynthetic Cementitious Composite Mats (GCCMs).

It is a flexible, concrete filled geosynthetic, that hardens on hydration to form a thin, durable, water proof and fire-resistant concrete layer. Essentially, it's concrete on a roll. Concrete Canvas® GCCM (CC) allows concrete construction without the need for plant or mixing equipment: just add water.

CC consists of a 3-dimensional fibre matrix containing a specially formulated dry concrete mix. A PVC backing on one surface of the CC ensures the material has excellent impermeability. CC can be hydrated either by spraying or by being fully immersed in water. Once set, the fibres reinforce the concrete, preventing crack propagation and providing a safe plastic failure mode. Concrete Canvas® GCCM is available in 3 thicknesses: CC5, CC8 and CC13, which are 5, 8 and 13mm thick respectively.



Concrete Canvas used for drainage



Erosion and Slope protection



13m high slope protection



Bund Lining application at Oil Refinery



Laying in progress



Palletised Batch roll

RAPID INSTALL

CC can be laid at a rate of 200m²/hour, up to 10 times faster than conventional concrete solutions.

EASY TO USE

The concrete is pre-mixed so there is no need for mixing, measuring or compacting. CC is also available in man portable rolls for applications with limited access.

LOWER PROJECT COSTS

The speed and ease of installation mean Concrete Canvas® GCCM is more cost-effective than conventional concrete, with less logistical complexity.

ECO-FRIENDLY

CC is a low mass, low carbon technology which uses up to 95% less material than conventional concrete for many applications.