



PRESS RELEASE

CONCRETE CANVAS® IS THE FIRST GCCM TO COMPLY WITH THE NEW ASTM PRODUCT STANDARD, FOR GCCMS IN ALL CATEGORIES OF EROSION CONTROL.

22ND MARCH 2021

In March 2021, ASTM International published **ASTM D8364/D8364M-21: 'Standard Specification for Geosynthetic Cementitious Composite Mat (GCCM) Materials'**. This standard is the only internationally recognised standard for specifying GCCMs and lists typical GCCM erosion control and weed suppression applications by three Classification Types: Type I, Type II and Type III.

ASTM product specifications make specifying the right product easier for the designer whilst ensuring they meet minimum performance requirements, helping to prevent project failures.

The minimum performance requirements of each GCCM Classification Type have been defined within ASTM D8364, defining the appropriate **GCCM specific test standards to use such as: ASTM D8329 for Compressive Strength and ASTM D8058 for Flexural Strength.**

Specifying GCCM Classification Types to ASTM D8364 protects specifiers from designing with GCCM test data that may not be representative of in field GCCM performance, helping ensure the GCCM is suitable for the intended application.

Purchasing GCCM's that comply with **ASTM D8364** protects contractors and clients from being misled by manufacturers who provide performance data using inappropriate non-GCCM standards that may not represent the performance that can be achieved in the field.

The performance properties of Concrete Canvas® GCCM materials have been independently tested to the standards specified in ASTM D8364 and Concrete Canvas Ltd. are proud to announce that its **CC5™, CC8™ and CC13™ GCCM's are the first products to demonstrate compliance with the GCCM Classification for Type I, Type II and Type III respectively.**

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ABOUT CONCRETE CANVAS

Concrete Canvas Ltd. was incorporated in the UK in 2005, it manufactures three award winning products, Concrete Canvas®, Concrete Canvas Shelters™ and CC Hydro™. These products were developed to exploit a unique material technology invented by Peter Brewin (MEng) and Will Crawford (MEng) whilst studying Industrial Design Engineering at Imperial College and the Royal College of Art in London.

Concrete Canvas Ltd's core material technology enables the supply of unique construction solutions that are extremely fast, easy to install and environmentally friendly. The company prides itself on innovation, quality and responsiveness to our customers' needs.

The primary markets for Concrete Canvas Ltd are in the civil infrastructure (road and rail), mining and petrochemical sectors where CC is used for erosion control applications such as channel lining, slope protection and bund lining. The company has grown rapidly since 2005 and has sold its products to over 80 countries around the world.

