



CONCRETE CANVAS®

Concrete on a Roll

FIRE CERTIFICATION



The Queen's Awards
for Enterprise:
International Trade
2019



Board of Trade
Winner
2018



Winner
Technical Innovation Award

ice | award winner

ICE Wales Cymru Project Awards

Innovation Award
ICE Wales Cymru Awards 2017



British Board of Agrément
Certified



ACS Registrars Ltd
ISO 9001 Accreditation



Certified CPD
Provider



Corporate
Member



Proud Supporter of
Exporting is Great



RAIL



ROAD



MINING



PETROCHEM



AGRO



PUBLIC WORKS



UTILITIES



DEFENCE



DESIGN



SHELTER

Concrete Canvas® GCCM

Concrete Canvas® GCCM* (CC) meets the fire regulations and demands for many interior and exterior public localities. CC is fire-safe, does not contribute to the surface spread of flames, has a low level of smoke development and minimal hazardous gas emissions.

Euroclass System

Previously, depending on the type of locality, fire safety requirements varied from country to country. The Euroclass system is replacing these earlier national classification systems, which formed obstacles to trade. This new classification system for the reaction to fire properties of building construction products has been introduced in Europe by COMMISSION DECISION (2000/147/EC) of 8 February 2000 implementing Council Directive 89/106/EEC (Ref. OJ L 50, 23.2.2000). It consists of two sub systems, one for construction products excluding floorings, eg. wall and ceiling surface linings and another similar system for floorings. A class marked with capital letter from A to F indicates product behaviour in different stages of fire development of which classes A1 and A2 are non combustible products (see table below). Additional information about smoke and flaming droplets release is marked in subscript e.g. A2 s1 d0. The Euroclass system additionally defines the test methods according to which construction products shall be categorised.

The system is divided into various classes in accordance to the following:

A1	Non-flammable materials	No contribution to fire
A2	Non-flammable material	No noticeable contribution to fire
B	Flammable	Little or no contribution to fire
C	Flammable	Limited contribution to fire
D	Flammable	Contributes to fire
E	Flammable	Major contribution to fire
F	Flammable	Not within classes A1-E

CC has achieved the classification:

B-s1, d0

This classification is the highest possible for flammable materials and can be broken down as below.

B	The panels contribute little or insignificantly to fire.
s1	The panels contribute little or insignificantly to the development of smoke.
d0	The panels do not create flaming particles or droplets when subjected to fire.



*Geosynthetic Cementitious Composite Mat