

The Leader

Spring 2009

Essential reading for Infrastructure

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City of Ripon: Flood Alleviation Scheme

The Spring edition gives you a flavour of the work Infrastructure is engaged in and reflects the diversity and strength of our operations in this sector along with the outstanding commitment you have demonstrated in delivering these projects. A testimony to the future!

My sincere thanks to all who have contributed.

Simon



Concrete Canvas

Every now and then a new material or process comes along that you know is going to have an impact on how we do things on site, maybe you haven't got a use for it yet, but sometime it going to solve a problem for you or make a big cost savings.

One such product is Concrete Canvas, a ground breaking material technology that allows concrete to be used in a completely new way. Concrete Cloth was originally developed for the [award winning](#) Concrete Canvas Shelters, a building in a bag that requires only water and air for construction.

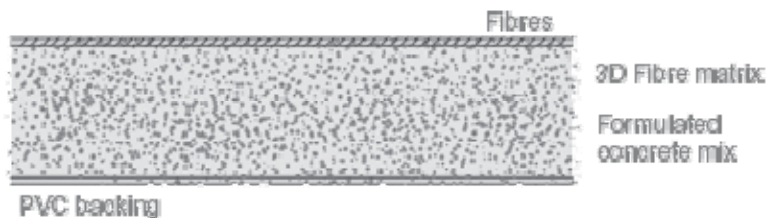
Concrete Cloth consists of a 3-dimensional fibre matrix containing a specially formulated dry concrete mix. A PVC backing on one surface of the cloth ensures the material is completely waterproof; while hydrophilic fibres on the opposite surface aid hydration by drawing the water into the cement. After hydration, CC hardens to a strong, durable, waterproof and fireproof concrete surface.



The material can be hydrated either by spraying or by being fully immersed in water. Once hydrated the material is workable for 2 hours and remains flexible. It can be easily nailed, stapled through or coated with an adhesive, for easy attachment to other surfaces and has good drape characteristics allowing complex surfaces with a double curvatures to be produced.

Once set, the fibres reinforce the concrete, preventing crack propagation and providing a safe plastic failure mode.

Concrete Cloth Section



Concrete Cloth is available on 1.1m wide rolls but can be manufactured with a roll width of up to 5m. The cloth can be produced in a range of thicknesses from 5-20mm.

More information can be found at <http://www.concretcanvas.co.uk/index.html> alternatively a brochure or video demonstrating the products uses is available from Toby Liberson 0791 865 2423

IT Savvy

To reduce the amount of disk space used by servers, use hyperlinks to point to the information in emails, as opposed to attaching the file. In the document view menu, scroll to toolbars, tick web. The document location is displayed at the top of the document, click to highlight & copy. In the email click insert, hyperlink & paste into & over text in the URL box.

If the person you are sending the info to doesn't have access rights to the folder where the document is stored, simply save it in a common, temporary location not forgetting to delete it when work has finished on it. It all helps.



From the Editor:

I hope you have enjoyed reading the Spring 2009 edition of 'The Leader'. Thank you to everyone who has contributed and if you would like to submit an article for the next edition the copy deadline is 24th July. This is your opportunity to communicate what your site is doing and is a vital part of sharing knowledge and information.

Patrick Wright



Don't throw away your ideas



Use the Suggestion Box



Infrastructure Directors will judge any suggestions that have been used within the year, and a minimum prize of £250 be given at the Annual Awards Day.

