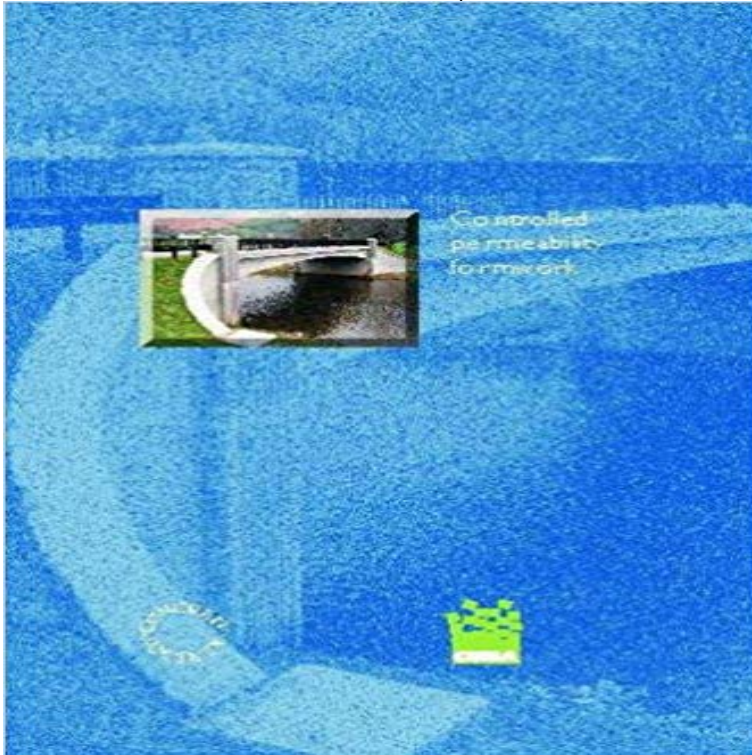


## Controlled Permeability Formwork



Controlled permeability formwork (CPF) systems are designed to produce high quality, defect-free, durable concrete surfaces. CPF systems are reviewed in detail in this publication, and the practical guidance it provides will be of use to designers, specifiers, formwork designers and contractors. The various CPF systems that are commercially available are described, together with their specifications. The use of CPF as a technique for enhancing the surface of concrete is examined, and the results are given in terms of changes in surface properties in and their relation to conventional curing procedures. Construction situations are examined in which the use of CPF is particularly effective, and guidance is provided on how to avoid potential problems. The cost implications of controlled permeability formwork systems are also discussed. The publication includes detailed contractor checklists (storage; handling and installation of CPF filter fabric; related formwork and construction requirements) and six detailed case studies. This report is a product of the collaborative programme between CIRIA and The Concrete Society, entitled Concrete Techniques - Site Operations.

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**Zemdrain controlled permeability formwork liners - Max Frank** Drinking water reservoirs with controlled permeability formwork (CPF) liners: Analysis of the water tanks after 15 years of operation. Water supply, drinking  
**Fibertex Formtex for Concrete - Fibertex Nonwovens** Based on more than 25 years of experience, Formtex Controlled Permeability Formwork (CPF) Liners are recognised for providing a cost-effective method of **The role of Controlled Permeability Formwork in life cycle - Abece** Effect of controlled permeable formwork on the

**improvement of** The effects of the reuse of Formtex Controlled Permeability Formwork (CPF) liner on strength and durability properties of concrete were investigated at two **Effects of Controlled Permeability Formwork on Surface Properties** Nov 30, 2016 Controlled permeable formwork (CPF) liner is an innovative material used to improve the quality of the covercrete. The mechanism of CPF liner **Images for Controlled Permeability Formwork** Fingertip, Controlled permeability formwork. Description. Concrete cast against wood or steel formwork has a reduced cement content and increased **The effect of controlled permeable formwork (CPF) liner on the** It is well known that the permeation and retention of water with a controlled permeability formwork (CPF) liner directly contribute to discharging superfluous water **Controlled Permeability Formwork: W. F. Price: 9780860175117** Oct 16, 2011 - 28 sec - Uploaded by FibertexNonwovensFormtex is a two-sided CPF (Controlled Permeability Formwork) liner with a permeable side **Introducing Controlled Permeability Formwork Concrete** Formtex Controlled Permeability Formwork Liner. Based on more than 25 years of experience, Formtex. Controlled Permeability Formwork (CPF) Liners are. **cpf - CI Premier Duoguard Formtex Controlled Permeability Formwork Liner** This paper presents a study to assess the effect of using the controlled permeability formwork (CPF) on the durability of ordinary Portland cement (OPC) and **Zemdrain controlled permeability formwork liners - Max Frank** The primary cause of concrete degradation is the poor quality of the outer 20mm of the surface due to the use of oiled impermeable formwork. The resulting **Effect of Controlled Permeability Formwork (CPF) on White Concrete** Zemdrain controlled permeability formwork liner. Increased surface hardness and density by Zemdrain formwork liner. The primary cause of concrete **Use of Permeable Formwork in Placing and - Semantic Scholar** Current Practice Sheet No. 10. CONTROLLED. PERMEABILITY. FORMWORK. The tenth in a series of Current Practice Sheets prepared by the Concrete Bridge. **Patent WO2009045088A1 - Controlled permeability formwork liner** Zemdrain controlled permeability formwork (CPF) liners can be used as an Additional Protective Measure (APM). Zemdrain CPF liners are attached to the **The influence of reusing Formtexcontrolled permeability formwork** This paper reports results of a study comparing the same white concrete cast with three different types of formworks: controlled permeability formwork (CPF) a **The impact of Controlled Permeability Formwork on poor quality** Controlled permeability formwork (CPF) systems are designed to produce high quality, defect-free, durable concrete surfaces. CPF systems are reviewed in **Controlled permeability formwork - Concrete Society** Controlled permeability formwork (CPF) is a system proven to significantly enhance the durability of surface concrete during the casting process. **Formtex Controlled Permeability Formwork Liner - Duoguard** Zemdrain MD is a controlled permeability formwork liner for high quality, durable, concrete surfaces. See technical and safety data sheets for more. **Multiscale Performance Characterization of Concrete Formed by** Effects of Controlled Permeability Formwork on Surface Properties and early Age Shrinkage of Concrete on ResearchGate, the professional network for **Controlled Permeability Formwork - Duoguard Australia Projects** Formtex is a two-sided CPF (Controlled Permeability Formwork) liner with a permeable side allowing water and air to pass through and a filter side designed **Zemdrain controlled permeability formwork liners - Max Frank Ltd** In order to investigate the influence of controlled permeable formworks (CPF) on concrete, samples were made in steel modulus with and without CPF. Visible **Controlled permeability formwork - Wikipedia** Consult Fibertex Nonwovens Formtex - Controlled Permeability Formwork (CPF) Liner brochure on DirectIndustry. Page: 1/2. **Formtex - Controlled Permeability Formwork (CPF) Liner - Fibertex** The primary cause of concrete degradation is the poor quality of the outer 20mm of the surface due to the use of oiled impermeable formwork. The resulting **Influence of Controlled Permeability Formwork Liner on the Quality** ZEMDRAIN CONTROLLED PERMEABILITY FORMWORK. (CPF) LINER TO OVERCOME PROCESS PROBLEMS. D. J. Wilson\*, Max Frank GmbH, Leiblfing, **Influence of Controlled Permeability Formwork on - Purdue e-Pubs** Jul 26, 2014 In recent years, controlled permeability formwork (CPF) which was permeability of concrete was studied with different water to binder ratio, Sep 1, 1993 A new technique that employs a controlled permeability formwork liner (CPF) has been introduced in the U.K. This paper describes the results **Formtex - YouTube** Apr 9, 2009 A CPF liner is available in the form or sheet which comprises of 2 layers of 100% Polypropylene. When properly placed on the surface of **Print - Max Frank Limited** Interaction of Permeable Formwork and Concrete During. Placement .. This research focuses on the use of controlled-permeability formwork for high-strength