Formtex®

Controlled Permeability Formwork (CPF) liner

www.Formtex.Fibertex.com
Surface enhancement of concrete with Formtex®

**Formtex® CPF liner**
Formtex® is a two-layer Controlled Permeability Formwork (CPF) liner consisting of a drainage layer allowing water and air to escape and a filter layer designed with a pore size slightly smaller than the size of cement particles.

The main function of Formtex® CPF liner is to drain surplus water and air from the surface of freshly placed concrete during compaction. When water is drained, the water/cement (w/c) ratio in the concrete cover is reduced, which improves the strength and thereby the durability of the concrete cover considerably.

**Long lifetime of concrete structures**
Casting against Formtex CPF® liners creates a strong, dense and uniform concrete cover-zone, which is the best defence against chlorides, carbonation, frost and abrasion.

**Easy to use**
Formtex® CPF liners are tensioned or glued to vertical or inclined surfaces. Once attached, concreting is performed as normally. CPF liners easily debond from the concrete during formwork striking.

**Technically proven**
The effects of Formtex® are well-documented. Test reports from independent test institutes and documentation from onsite trials worldwide are available on www.formtex.fibertex.com. Here you will also find case stories and installation guidelines.

**Certified**
Formtex® is manufactured according to the current European technical and environmental regulations.

Fibertex A/S is certified according to EN ISO 9001 and ISO 14001. Formtex® is certified by the BBA (UK) and ETA (Denmark). The fabric is made from 100% polypropylene which only produces CO, CO₂ and water when incinerated at temperatures higher than 600°C.
Improved durability with Formtex

Use Formtex® CPF liner when casting

- bridges and tunnels
- waste water treatment plants
- drinking water tanks
- dams, sluices and marine structures
- pre-cast concrete units

Formtex® CPF liner ensures

- longer lifetime in chemically aggressive environments
- longer lifetime when exposed to extreme wearing impact
- reduction in growth of micro organisms
- reduction of blow-holes in the concrete surface
- ideal base for surface treatment, if required

w/c-ratio

Without Formtex®

With Formtex®

Depth from surface (mm)
Facts about Fibertex
The Fibertex Group is a market leading manufacturer of needlepunch and spunmelt nonwovens. Headquartered in Aalborg, Denmark, with production in Denmark, Malaysia and the Czech Republic, Fibertex is globally represented. Since its foundation in 1968, Fibertex continuously expanded and today manufactures nonwovens for customers all over the world for many different applications.

The Fibertex way
The Fibertex supply chain ensures that we do our utmost to fulfil our customers demands. This process is an efficient management tool, it helps us to maintain our superior level of technical support, R&D, logistics, production and quality in all areas. We strive to provide an unparralled service to our customers from initial contact to delivery and after-sales service.