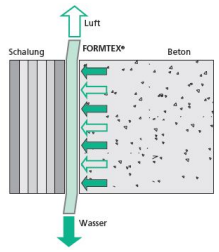
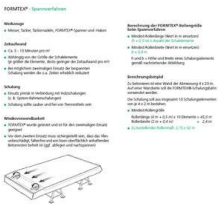
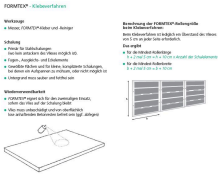
FORMTEX® and Formtex_tensioning and Formtex_bonding methods. Formtex_values







Formtex® from BETOMAX® ensures a longer lifetime for concrete structures cast in aggressive environments.

The Formtex® liner is a bonded fibre fabric that drains surplus water and air from the surface of freshly cast concrete.

The lifetime of any concrete structure depends on the ability of the concrete cover to resist the aggressive elements that can attack the reinforcement and thus damage the supporting structure.

A dense, strong and uniform concrete surface prevents the penetration of mineral salts, oxygen, moisture and carbon dioxide, thereby greatly extending the life of the structure. Formtex® from BETOMAX® ensures a longer lifetime for concrete structures cast in aggressive environments.

The Formtex® liner is a non-woven fabric made from polypropylene fibres needled together in a non-structured order. The fabric is thermally bonded on one side to create a filter, while the non-thermally bonded side functions as a drainage layer. The pore size of the filter is designed so that cement particles are retained, while water passes through.

Draining water off the concrete surface reduces the water/cement (w/c) ratio and thus substantially improves the strength and durability of the concrete.

Eliminating air from the concrete results in a surface that is practically free from blow-holes. Besides improving the concrete quality, it makes the visible concrete surfaces more attractive as well. Different colour hues can be produced.

The BETOMAX® formwork liner can be used in hydraulic engineering and tank construction; road and bridge building; tunnel construction and wherever concrete surfaces are exposed to severe stresses, and the lifetime of structures is to be prolonged.

It is also suitable for in-situ and precast building components if air cannot be readily eliminated from the concrete because of the structure´s shape (e. g. in the case of slanted parts and the associated undercutting of the formwork).

FORMTEX® formwork liner has been tested and, if handled properly, can be used twice
The smooth side always faces the concrete, and the "fleecy" side faces the formwork
Do not use release agents
For best results with FORMTEX®, make sure that the fresh concrete is poured and compacted carefully.

FORMTEX® liner - delivery times and dimensions available on request.
Please ask for our current accessory hire prices.

Applications, features, properties and benefits
Benefits of FORMTEX® for the client:

Prolonged lifetime and minimized maintenance costs
Greater wear resistance
Enhanced resistance to chemical attack
Improved corrosion protection for rebars
Very good surface adhesive tensile strength
Proven not to pollute potable water

Benefits of FORMTEX® for the contractor:

Easy and simple to cut
Flexible and easy to lay over edges
High tear strength, suitable for clamping
Can be attached to formwork facing with very few tacks
Special contact adhesive can be applied to entire surface for fixing
Suitable for reuse with very little effort
Versatility of material makes it suitable for all types of shuttering
Compatible with steel, plastic or timber formwork
No form oil or release agent required

FORMTEX® and Formtex_tensioning and Formtex_bonding methods. Formtex_values

Article description	Rollenbreite m	Title of variant	Roll length m / m²	Packaging piece/ metre/ metre by the metre/ bucket/ bag/ bundle/ box/ can	Weight kg/piece
29050125	1,250	FORMTEX® formwork sheeting	50 / 62,5	1 roll	15,630
29050275	2,750	FORMTEX® formwork sheeting	50 / 137,5	1 roll	34,380
29050320	3,200	FORMTEX® formwork sheeting	50 / 160	1 roll	40
29050400	4	FORMTEX® formwork sheeting	50 / 200	1 roll	50
29200100		FORMTEX® tensioner		1 piece	3,600
29200350		FORMTEX® tensioning hooks		1 piece	0,047
29200500		FORMTEX® Tacker		1 piece	0,310
29200520		FORMTEX® Tacker Replacement Staples (6mm)		5000 pieces	0,001
29200530		FORMTEX® Tacker Replacement Staples (8mm)		5000 pieces	0,001
29200550		FORMTEX® Cutter Knife with Blade		1 piece	0,082
29200400		FORMTEX® Adhesive (spray can 500ml)		1 can	0,425
29200440		FORMTEX® Emulsion adhesive (20 kg bucket)		1 bucket	21
29200420		FORMTEX® Cleaner (spray can 500ml)		1 can	0,505
29200430		FORMTEX® Cleaner (5 L canister)		1 canister	4,700
70619600		Foam tape 16 mm x 6 mm	10	18 Rolls	0,083