

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 needleed 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

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| Article description | Rollenbreite m | Title of variant | Roll length m / m ² | 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 |