SGTF: 1 supplier for 2 manufacturing processes

Saint-Gobain Technical Fabrics has 4 glass veil plants around Europe. Today, we can offer two different technologies for glass veil forming: Wet and Dry Laid processes.

Each process can produce either a glass yarn reinforced or non-reinforced glass veil. Both technologies are real assets when bringing technical solutions to our customers’ specific requirements.

SGTF wet laid process
The operation begins with wet chopped glass fibres dispersed in water. The solution is poured onto a moving wire mesh belt. The damp veil is then passed under a binder applicator where liquid resin binder is applied.

The veil then passes through an oven to dry the veil and cure the binder. Our lines in Litomysl (Czech Republic) and Vado Ligure (Italy) produce glass veil rolls from 1 to 4 metres in width.

This process provides both a high quality of aspect and dispersion to the glass veil that meets the most demanding requests of our customers in terms of specificity and regularity.

SGTF dry laid process
Although the second part of the process remains quite similar to the Wet Laid in terms of binder application, the main difference with the Dry Laid Process is that the fibres are not chopped and mixed with water, but are produced directly from a furnace that is above the conveyor belt which forms the veil.

Our 3 lines in Etten-Leur (The Netherlands) and 2 lines in Gorlice (Poland) produce glass veil rolls up to 1.3 metre width.

This process provides very flexible glass veils with a high soft touch quality and good puncture resistance. This process requires little organic content. It gives a higher tensile strength thanks to the density of the reinforcement yarns.

SGTF: 1 supplier for 2 manufacturing processes

Saint-Gobain Technical Fabrics has 4 glass veil plants around Europe. Today, we can offer two different technologies for glass veil forming: Wet and Dry Laid processes.

Each process can produce either a glass yarn reinforced or non-reinforced glass veil. Both technologies are real assets when bringing technical solutions to our customers’ specific requirements.

SGTF wet laid process
The operation begins with wet chopped glass fibres dispersed in water. The solution is poured onto a moving wire mesh belt. The damp veil is then passed under a binder applicator where liquid resin binder is applied.

The veil then passes through an oven to dry the veil and cure the binder. Our lines in Litomysl (Czech Republic) and Vado Ligure (Italy) produce glass veil rolls from 1 to 4 metres in width.

This process provides both a high quality of aspect and dispersion to the glass veil that meets the most demanding requests of our customers in terms of specificity and regularity.

SGTF dry laid process
Although the second part of the process remains quite similar to the Wet Laid in terms of binder application, the main difference with the Dry Laid Process is that the fibres are not chopped and mixed with water, but are produced directly from a furnace that is above the conveyor belt which forms the veil. Our lines in Etten-Leur (The Netherlands) and 2 lines in Gorlice (Poland) produce glass veil rolls up to 1.3 metre width.

This process provides very flexible glass veils with a high soft touch quality and good puncture resistance. This process requires little organic content. It gives a higher tensile strength thanks to the density of the reinforcement yarns.

SGTF: 1 supplier for 2 manufacturing processes

Saint-Gobain Technical Fabrics has 4 glass veil plants around Europe. Today, we can offer two different technologies for glass veil forming: Wet and Dry Laid processes.

Each process can produce either a glass yarn reinforced or non-reinforced glass veil. Both technologies are real assets when bringing technical solutions to our customers’ specific requirements.

SGTF wet laid process
The operation begins with wet chopped glass fibres dispersed in water. The solution is poured onto a moving wire mesh belt. The damp veil is then passed under a binder applicator where liquid resin binder is applied.

The veil then passes through an oven to dry the veil and cure the binder. Our lines in Litomysl (Czech Republic) and Vado Ligure (Italy) produce glass veil rolls from 1 to 4 metres in width.

This process provides both a high quality of aspect and dispersion to the glass veil that meets the most demanding requests of our customers in terms of specificity and regularity.

SGTF dry laid process
Although the second part of the process remains quite similar to the Wet Laid in terms of binder application, the main difference with the Dry Laid Process is that the fibres are not chopped and mixed with water, but are produced directly from a furnace that is above the conveyor belt which forms the veil. Our lines in Etten-Leur (The Netherlands) and 2 lines in Gorlice (Poland) produce glass veil rolls up to 1.3 metre width.

This process provides very flexible glass veils with a high soft touch quality and good puncture resistance. This process requires little organic content. It gives a higher tensile strength thanks to the density of the reinforcement yarns.
Saint-Gobain Technical Fabrics (SGTF) acts as a dynamic materials company:  
- developing customized solutions to make you successful,  
- steadily investing for your competitiveness,  
- supporting your growth.

SGTF belongs to the Saint-Gobain Company, worldwide leader in the production and distribution of construction products. SGTF is the only supplier on the market to produce and sell both woven and non woven fabrics for the construction sector.

The company supplies products for various applications such as acoustic insulation, façade cladding, insect screening, decoration, surfacing and reinforcement.

Visit our website: www.sgtf.eu

Waterproofing

Glass veil provides:
- a good resistance against rot & UV, 
- excellent dimensional stability.

It is the perfect solution for reinforcing membranes.

Produced in 2 or 4 meter widths, SGTF glass veil is used for PVC flooring because of its high dimensional stability and for carpet tiles to help avoid any curving of the finished tiles.

Carpet & PVC flooring reinforcement

SGTF glass veil is used for mineral wool, rock wool and foam facing. It enhances:
- Surface appearance, 
- Consistency, 
- Acoustic quality, 
- Fire resistance.

Surfacing of insulation products

Ceiling tiles

SGTF glass veil provides:
- a good surface finish, 
- fire resistance, 
- dimensional stability.

The veil also helps avoid any curving of the tiles.

Acoustic insulation

SGTF glass veil provides:
- good puncture resistance, 
- high acoustic absorption, 
- durability, 
- fire resistance.

Wall covering

SGTF glass veil is used for wall repair (anti-cracking) and for painting. SGTF glass veil provides:
- higher fire and abuse resistance compared to normal boards, 
- good moisture resistance. 

It is an effective barrier against damp (humidity).

Gypsum surfacing

All about the SGTF glass veil

Glass veil is a non woven material composed of a random fabric of glass fibres bonded together with a chemical binder. With a wide range of chemical binders, SGTF meets our customers' technical requirements whilst respecting the Saint-Gobain Environment, Health and Safety policy. SGTF Glass Veil is used in the construction sector for its excellent dimensional stability, chemical and fire resistance and mechanical strength.

SGTF: The Provider of Glass Veil Solutions!