

# Fiberizing your ideas



### SAINT-GOBAIN

Saint-Gobain is the world's largest glass producer with its glass fiber activities, established under the name Vetrotex.

As a part of Saint-Gobain, Vetrotex has access to the whole expertise and development of the Group.

Embedded in the solid foundation of the Saint-Gobain Group, provided by more than 350 years of experience in glass manufacturing, Saint-Gobain Vetrotex continuously invests in capacity, research, and development for improved technologies and product solutions in partnership with our costumers.

Saint-Gobain is in the world leader in high performance materials and in solutions for sustainable habitat. It designs, manufactures and distributes building materials and other industrial products, providing innovative solutions to meet the growing demand for energy efficiency and environmental protection.

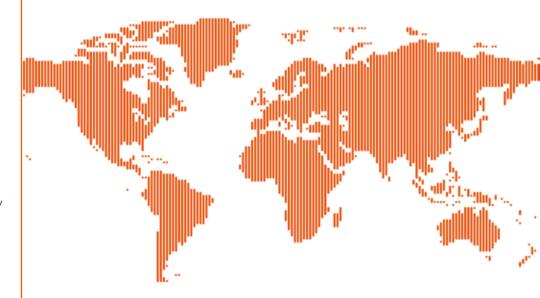
### Saint-Gobain by numbers

- Saint-Gobain is one of the top 100 industrial groups in the world
- Operates in 67 countries
- 179,000 employees
- Worldwide or European leader in each of its businesses
- 8 R&D centers worldwide
- One of the 100 most innovative companies in the world

### **OUR COMMITMENT**

Saint-Gobain Vetrotex produces textile glass fiber materials for use in very diverse applications, mainly in the technical textiles. Our product range includes E-glass single yarns, voluminized yarns, texturized yarns, Zero twist, textile chopped strands and C-glass staple yarn.

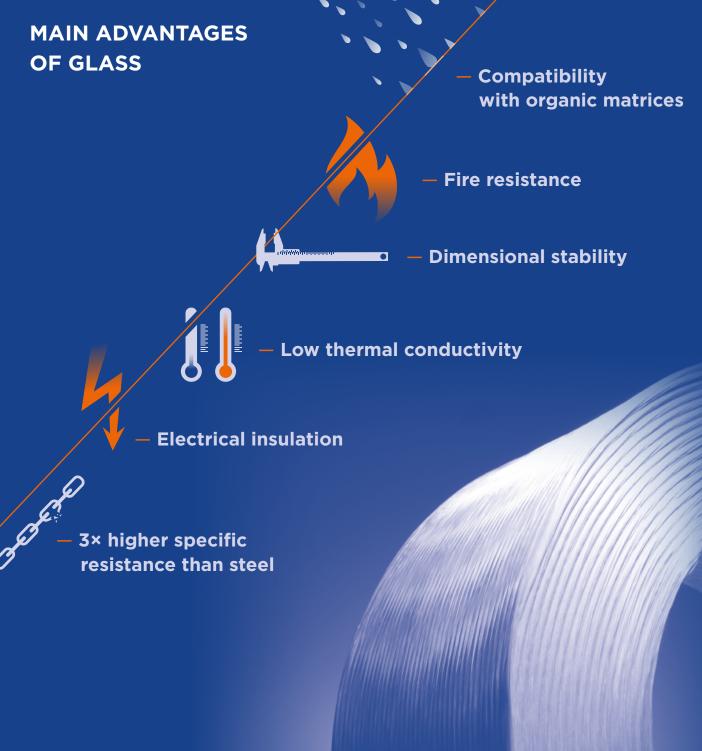
### **OUR COMPETENCIES**



- Customized products for demanding applications
- Technical customer support
- Over 60 years of glass fiber experience
- Process with state of the art technology
- Worldwide Salles presence

Please find your requested product in the most complete product range on the market.





# FROM FINES TEXTILE FIBERS TO YOUR PRODUCT

| RAW MATERIAL  | PROCESSING  | FINISHING   | MAIN MARKETS   |
|---|---|---|--|
| <ul> <li>Twisted yarn</li> <li>Texturized yarn</li> <li>Spun cakes</li> <li>Textile chopped strands</li> <li>ZeroTwist®</li> <li>Direct Roving</li> </ul> | <ul><li>Weaving</li><li>Plying</li><li>Knitting</li><li>Laying</li><li>Single a coating</li></ul> | <ul><li>Coating</li><li>Impregnating</li><li>Confectioning</li><li>Laminating</li></ul> | <ul><li>Aerospace</li><li>Automotive</li><li>Composite</li><li>Construction</li><li>Filtration</li></ul> |
| — C-Glass Staple Fiber  |   |   |  |

### **FACTS & FIGURES**

- Annual capacity of about 1 billion km:
   6× the distance between earth and sun
- More than 1200
   highly motivated employees
- Filament/yarn with more than 240 km length
- Glass fiber production speed of 200 km/h
- R&D support by Saint-Gobain Research
   Centers investing 300 mio € per year
- Highest market share in Europe and America
- Supplying the most textiles applications on the market
- Supporting widest range of final applications

### **APPLICATIONS**

Technical textiles are widely used in various application that are commonly found in your daily life but are largely unrecognized. Some commonly found in your daily life but are largely unrecognized. Some common uses are printed circuit boards for computer and telecommunication, wall covering, external insulation facade systems, bitumen roofing products, grinding wheels, fire and heat protection, filtration, automotive parts, medical casting, sports and leasure goods, aeronautics and many more.

### **PRINCIPLES**

Saint-Gobain Vetrotex produces high-tech materials that reflect our high standards for quality, safety, health and the environment. Each year, we establish new goals for continuous improvement in these categories.

Vetrotex has received Clean
Air Industry Certification and
Law Industrial Risk Certification
for our exemplary world class
manufacturing sites. Glass fiber
yarns are natural products, made
from natural materials which fully
comply with REACH and other
health and safety regulations.





### **Environmental principles**

- Limit emissions into the air
- Reduce waste, promote recycling in partnership with various industries
- Manage the water cycle
- Limit the environmental impact made by buildings
- Promote renewable energies
- Reduce consumption of electricity
- Raise awareness in environmental issues
- Manage natural resources

### **Principles of action**

- Respect for the law
- Caring for the environment
- Worker health and safety
- Employee rights

### **Principles of conduct**

- Professional commitment
- Respect for others
- Integrity
- Loyality
- Solidarity

# **EXAMPLES OF USE**





Telecommunication and computers Road construction Wind power station



## **OUR PLANTS**

### — Hodonice (Czech republic)



### Litomysl (Czech republic)



### Xicohténcatl (Mexico)



### — Gorlice (Poland)





### YOUR SALES CONTACT

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Please visit our website for further information: www.vetrotextextiles.com