

Media Release

Voith Paper

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Groundbreaking ceremony: Official start of construction of CertainTeed Roofing's highly efficient glass mat plant

2022-12-05

- As the leading full-line supplier for glass mat plants, Voith supplies the stock preparation including fiber feeding, approach flow system, HydroFormer, binder section and the FiberDry drying concept
- Automation and digitalization solutions from the Papermaking 4.0 portfolio are installed in the plant to increase machine availability, production efficiency and sustainability
- CertainTeed Roofing uses the line to produce glass mat for the manufacture of asphalt roofing shingles

OXFORD, NC/USA. CertainTeed Roofing in Oxford, North Carolina, broke ground in November on the construction of a new state-of-the-art glass mat plant. The facility will be used for the highly efficient production of glass mat, a key component in the manufacture of roofing shingles. With a total investment of \$167 million, this is CertainTeed Roofing's largest investment to date in a U.S. site. The company has contracted Voith to supply the production machine as well as automation and digitalization solutions from Voith's Papermaking 4.0 portfolio. The plant is scheduled to go into operation in 2024.

"Building this plant in Oxford is an important step in continuing to provide industry-leading service to our customers," says Carmen Bodden, Vice President of CertainTeed Roofing. "Our goal with this plant is to set new industry standards – utilizing state-of-the-art energy and water conservation technologies and innovative automation technology."

"We are very pleased to take this important corporate step together with Voith," emphasizes Pedro Romero, General Manager Glass Mat at CertainTeed Roofing. "Voith's long-standing expertise and experience in glass mat machines will be the foundation for achieving our corporate goals with the new glass mat plant in North Carolina. Voith offers the most

comprehensive full-line portfolio on the market with highly efficient cutting edge technologies and records excellent references in both the paper and nonwovens industries."

As the leading full-line supplier, Voith supplies not only the stock preparation, but also the approach flow system and HydroFormer, as well as the binder section including binder preparation. The FiberDry from Voith is used for drying and curing the glass mat web impregnated in resin. To reduce primary energy demand, Voith implements a heat recovery system that enables energy savings of up to 10 percent. For the most efficient production possible, CertainTeed Roofing will also rely on the automation and digitalization solutions of Voith's Papermaking 4.0 portfolio. The Voith IIoT platform dataPARC cloud serves as the basis. The quality control system (QCS) OnQuality provides complete control over production processes and product quality by giving operators full transparency. In addition, the condition monitoring system OnCare.Health continuously analyzes machine data to reduce planned and unplanned downtime.

New Voith Paper Nonwovens business unit

Voith Paper is further expanding its activities in the nonwovens sector with a new business unit established in April. The business unit combines product management, sales, project management and design for the nonwovens business. "In the business unit, we are bundling our competencies in the area of wetlaid nonwovens to be an even stronger partner for our nonwovens customers in the future," explains Dr. Linus Friedrich, Head of Business Unit Nonwovens. He continues: "Our customer CertainTeed Roofing will benefit from a state-of-the-art solution and Voith Paper's many years of experience in the area of glass mat machines."

About CertainTeed

Through the responsible development of innovative and sustainable building products, CertainTeed, headquartered in Malvern, Pennsylvania, has helped shape the building products industry for more than 115 years. Founded in 1904 as General Roofing Manufacturing Company, the firm's slogan "Quality Made Certain, Satisfaction Guaranteed," inspired the name CertainTeed. Today, CertainTeed is a leading North American brand of exterior and interior building products, including roofing, siding, solar, fence, railing, trim, insulation, drywall and ceilings. www.certainteed.com.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive.

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Founded in 1867, the company today has around 20,000 employees, sales of € 4.3 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

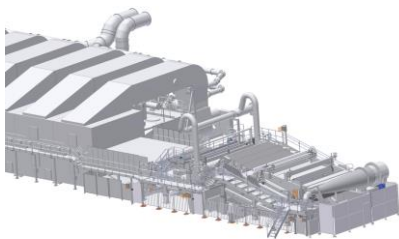
The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services and products on the market and offers paper manufacturers holistic solutions from one source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its leading automation products and digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.

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The picture shows CertainTeed Roofing's planned Oxford nonwoven glass mat plant with HydroFormer, binder section and FiberDry's first drying modules.

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