



# NONWOVEN ONE STEP AHEAD IN GLASS FIBER MAT PRODUCTION

ANDRITZ WETLAID TECHNOLOGY

## **A GROWING MARKET**

An increasing amount of construction and civil engineering worldwide has resulted in a growing sales volume for glass fiber mats. The outstanding features of this market are its great product versatility and their longevity. Wetlaid lines from ANDRITZ ensure a high level of product quality and put you one step ahead in glass fiber production. For years to come.

## **WIDE RANGE OF APPLICATIONS**

Glass fiber mats are versatile and can be used for a very wide range of applications. They can be found almost anywhere: in buildings, means of transport, infrastructure, and in many industrial applications, for example filtration. In addition, they provide comfort, performance and safety, while addressing the challenges of sustainable construction and resource efficiency.

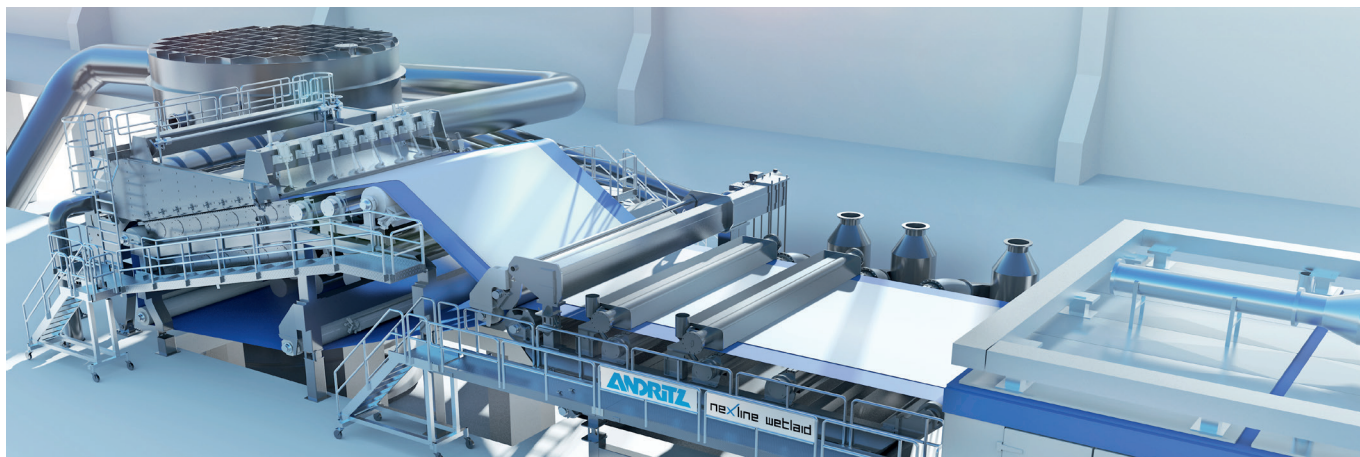
## **UNIQUE PROPERTIES**

Glass fibers as a basic component are an excellent composite material and offer numerous advantages that give the resulting products unique properties. These nonwovens are known for excellent, high tensile strength, extremely moisture-repellent properties, capacity for thermal insulation, durability, noise-reducing ability, and much more.



**ENGINEERED SUCCESS**

# Invest in a growing market with multiple end products



## GENTLE TREATMENT

Glass fibers are characterized by their strength, stiffness, and fragility. This is why glass fiber products require particularly gentle treatment during manufacture. A perfect knowledge of the production process and corresponding expertise in this field are essential, especially in the stock preparation and web forming processes.

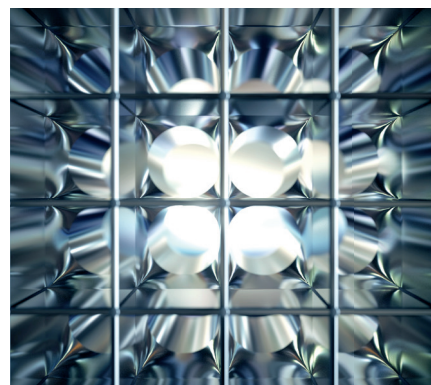
## STATE-OF-THE-ART PROCESS

ANDRITZ offers complete wetlaid production lines from low to high volume for the production of glass fiber mats – the ANDRITZ neXline wetlaid. Different types of lines are available depending on the

capacity level. However, they all encompass stock preparation, wet-laid forming, binder application, flat dryer, and winder, and are perfectly suited to your needs.

## KEY FEATURE

The neXline wetlaid includes a revolutionary development for glass fiber mats in the manifold, diffuser, and former equipment. The double diffuser concept ensures uniform fiber distribution with optimal structures during the laying process. This results in reduced raw material costs because less chemicals and fibers are needed.



Heart of the forming process: the diffuser

## RANGE OF END PRODUCTS

- Bituminous roofing
- Ceiling tiles
- Wallpapers
- Vinyl and carpet flooring
- Geotextiles
- Battery separators
- Insulation
- Filters ...

## EUROPE

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# ANDRITZ

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