



TRENCHLESS SEWER AND MANHOLE REHABILITATION WITH Brandenburger Liner

WHO WE ARE?

We are focused on the development and production of custom-made UV light-curing GFRP pipe liners. With our innovative, patented wrapping technology, we are **pioneers** in the field of trenchless sewer rehabilitation and trenchless manhole rehabilitation. We rehabilitate wastewater systems **worldwide** in a **cost-effective** and eco-friendly way.

WHY BRANDENBURGER?



PRODUCTION: Good to know: **fast production times** and correspondingly **short delivery times**.



PRODUCTS: Low calibration pressures and times, simplified pull-in-process, fast curing times, high flexibility for bends and curves, form-fitting and much more → easy to handle with high quality results.



SUPPORT & CUSTOMER FOCUS: We are always just a phone call away, that's a **promise!**



EXPERIENCE & EXPERTISE: Over 10.000.000 m of manufactured liners since mid-1990 tell its own tale. Our team consists of a lot of experts, each in their own profession. **Together we are unrivalled.**



SPECIAL PROJECTS: We are **THE specialists for special projects** and offer comprehensive advice from A to Z. Flexibility and individuality are our strengths.



PROBLEM-SOLUTION: Even in good relationships there can be rough times. **Together** we will find solutions.



FAMILY-OWNED COMPANY: Family-run, **consistent** and yet **innovative**. Yes, that is possible. The high level of acceptance and identification of our employees with our values and goals is an integral part of our identity.



PROJECT MANAGEMENT: We offer technical support during all project phases. As a company, we are represented in all the main committees and associations of the rehabilitation industry. Our costumers are always up-to-date.



CONSULTING: We will be happy to advise you on all aspects of pipe lining, regardless of whether you are already a customer or are initially interested in GFRP pipe liners.



RENTAL SERVICE FOR UV SYSTEMS: We offer you everything for liner implementation and curing and you remain flexible for high order utilisation or special orders. **We offer complete UV-systems to light sources, conveyor belts or just single packer sets.**



Brandenburg Liner



SERVICE & APPLICATION TECHNOLOGY



As a team:
a total of
70 years of
construction site
experience

Support on
construction
sites at home
and around the
globe

Constant
exchange
between instal-
lation team and
manufacturer

Product and
application
training
(Brandenburg
Gütesiegel)

Handling of
multilayered
projects



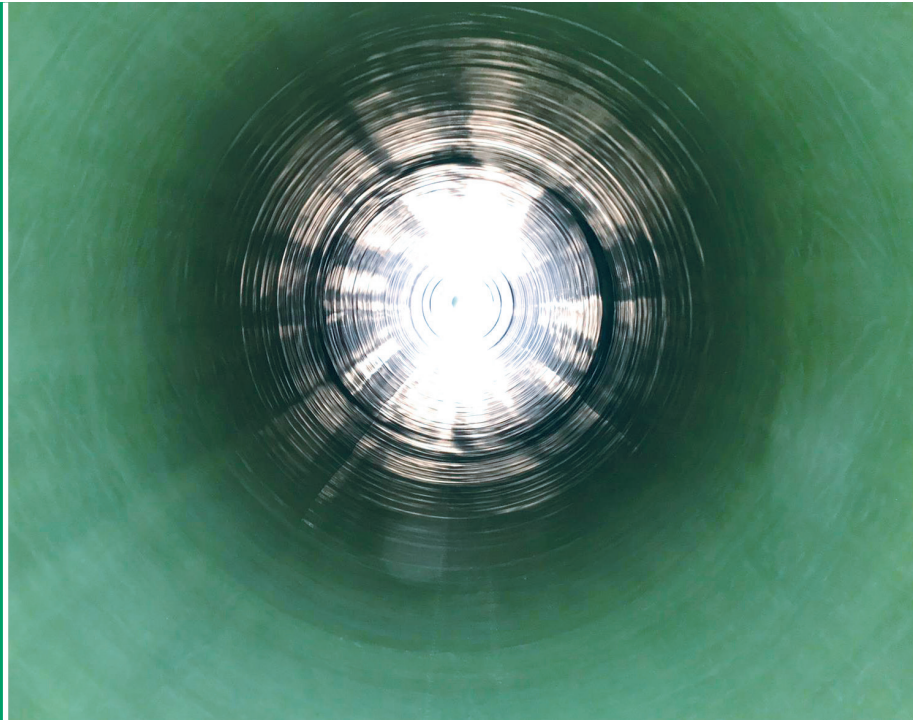
SALES:
YOUR WAY TO THE OPTIMAL LINER.

ALL-ROUND SERVICE MAKES US THE FIRST CHOICE.

Brandenburger Liner:

BB^{2.0}

The BB^{2.0} is the cost-effective solution for smaller nominal sizes and wall thicknesses.



That makes BB^{2.0} special:

- Increased technical values – possibility of smaller wall thicknesses.
- Smaller wall thickness steps for more efficient use of the material.
- Faster curing speeds.
- Homogeneous appearance.
- Improved outer foils and additional fabric reinforced external protection for highest pull-in safety.
- Improved site handling, especially for lateral opening after curing.
- Increased execution reliability.
- Lower calibration pressure required.
- More compact, smooth, rugged, easy to fold.

RUNS IN ALL SEWERAGES

BB^{2.5}

CIPP for all diameters.



The BB^{2.5} is available in all nominal widths. The unique design of the applied glass mats creates a high strength of the material. Even with the highest static requirements and the thinnest possible liner, a suitable variant can be selected.

That makes BB^{2.5} special:

- High mechanical strength.
- Glass fleece-bonded wearing layer.
- Additional fabric reinforced external protection.
- Excellent static properties.
- Homogeneous, glass fleecebonded pure resin wearing layer.
- Higher economic efficiency of the project.
- Higher jet cleaning resistance.
- Highest curing speeds.

AND MANHOLES.

BB^{2.5} VERTICAL

The innovative and effective solution for manhole rehabilitation.



The BB^{2.5} VERTICAL is the first manhole liner on the market, that can be securely cured with both – gas discharge technology and LED. It adapts to the prevailing manhole geometry and thus eliminates the need for time-consuming measurement.

In addition, the BB^{2.5} VERTICAL reduces the logistical effort for our costumers on construction site and provides effective holistic rehabilitation of manholes and sewers.



That makes BB^{2.5} VERTICAL special:

- Flexible and easy to handle with a long service life.
- Exact measurement of the manhole before ordering is no longer necessary.
- Enormous stretchability and precise adaptation to the respective manhole geometry.
- Endlessly wound, produced by the metre.
- Rehabilitation of the manhole berm, down to the channel.
- As a renovation measure, the BB^{2.5} VERTICAL is an investment and can be depreciated over a long period of time.

**TIGHT – EFFICIENT –
DURABLE –
COST-OPTIMAL**



Technical product data sheets, installation manuals, approvals and certificates and more can be found at www.brandenburger-liner.com/infocenter/downloads



BB^{2.5} *FLEX* and BB^{2.5} *FLEX XL*

The special solution.



THE liner for special geometries, special profiles, rehabilitation of bends and changes in dimensions.

That makes BB^{2.5} *FLEX* special:

- Safe installation due to the use of a folded inner foil.
- All geometries available.
- Possible dimensions from DN 250 to DN 1600 (BB^{2.5} *FLEX*) and DN 1600 to DN 2200 (BB^{2.5} *FLEX XL*).
- BB^{2.5} *FLEX* and BB^{2.5} *FLEX XL* are flexible in installation, as both the installation direction and the position of the dimension change do not need to be known.
- Transport advantage of the BB^{2.5} *FLEX XL* due to production on base of DN 1600. This makes the Liner fit on a standard truck or in a standard sea freight container



**INNOVATIVE – FLEXIBLE –
VERSATILE – SEXY**



Brandenburger Liner

Brandenburger Liner GmbH & Co. KG

Taubensuhlstraße 6 | D-76829 Landau / Pfalz
Telefon +49 6341 5104 -0 | welcome@brandenburger.de
www.brandenburger-liner.com



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