

BAUMInside

THE BAUM KUNSTSTOFFE GMBH PARTNER MAGAZINE



BAUM America Corp

To new shores of North America

BAUM TF Evolution

Driving innovations together
with customers

Bravely mastered

The year 2016 at BAUM

MRZ

2017



Dear Customers and Business Partners,

BAUM is growing – not only in Germany, but also in North America. In this issue, we will give you an exclusive insight into our branch on the other side of the ocean and show you how we are driving forward innovations with our customers in the BAUM laboratory.

We hope you enjoy reading this issue!

Your BAUM team



high build coating to customer specifications.

BAUM continues to set the bar high for quality assurance. We comply with both the European pressure directive (PED), ASTM and CRN guidelines and the new operation in Charleston is ISO approved. We subject all PTFE components to both pressure and high-voltage testing prior to shipment. BAUM products not only meet but exceed the requirements of ASTM 1545-15a. We offer 100% traceability of components with detailed documentation and identification. You can rest assured your Baum installation will meet or exceed your expectations.

Baum products offer many other features and benefits that exceed those previously established in North America. These include upgrades to PFA linings, full penetration welds, forged steel flanges in addition to the additional layers of quality, permanent marking and full traceability of components. For more information on products from BAUM America Corp or distribution opportunities please visit our website at www.baumamericacorp.com or call us at (304)343-2571.



BAUM America Corp To new shores of North America

North America has long been an important market for the chemical and pharmaceutical industry. We began our efforts expand here in 2007 with an eye toward broadening our global exposure. We opened our first North American production facility that year with our partner, North American Technical Sales. We started by consigning a significant stock of our pipe and fittings in Charleston WV. The original site served as both a distribution center and a spool manufacturing plant to augment our distributor stocks and fabrication. Our strategy was to provide the high quality Baum product to North American clients with shortened delivery times.

As our North American clients continued to embrace Baum products our business grew quickly. To maintain our service standards, we steadily expanded both our space and equipment. In 2016 BAUM America Corp moved into a 63,000 square foot facility and added even more key production equipment. Activities now include the manufacture of PP and PVDF pipe and fittings, vessel accessories and special fittings to augment our German stocks.

The new space and equipment allow us to expand production capacity by improving flow and productivity. Our new and improved blast, paint and drying facilities allow us to apply corrosion resistant





BAUM TF Evolution

Driving innovations
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A healthy environment requires an industry that is thoughtful and consistently improves its products, preferably in close cooperation with the customer. This is of special value to BAUM because the quality of our pipelines affect the environment and thereby the health of our employees who work in the direct vicinity of the pipelines.

Especially the permeation, which is a well-known effect of fluoroplastic, must be minimized because the subsequently emitted gases can lead to corrosion on the outer skin of the pipelines and result in harmful conse-

quences. Therefore, we examine a large variety of lining materials for their permeation density at the BAUM laboratory.

We have utilized the results for our own development of highly permeation-resistant plastic linings: The BAUM TF Evolution. It is different from currently used linings because of a modified processing method (sintering) and the subsequent higher crystallinity and also the use of modified base materials.

Out of the laboratory and into reality: The new material has been in use

since 2011. Now the “theoretically” determined values must be proven with long-term examinations. Even today, TF-E shows a significantly improved permeation response compared to other linings. Of course, this is always established in correlation with the gases or liquids that are routed in the pipelines.

At our laboratory, we are testing for our customers in advance which material combinations offer the highest level of safety for the intended use. This results in customized innovative solutions that pay off under actual operating conditions day after day.

Bravely mastered The year 2016 at BAUM

The end-of year result for 2016 is impressive: BAUM exceeded its sales goals, strengthened its market position in Western Europe and continues to invest – in the location in Germany and also worldwide. This deserves a “Hats off”!

We would like to thank all of our

employees who have worked on these projects with their heartfelt commitment – always with a focus on continuously improving good products and optimizing our work materials - as well as our customers. This success would not have been possible without your confidence in our products and services!

We start the year 2017 full of energy with a targeted focus on the challenges of highly flexible and dynamic production. This is intended to contribute to our ability to deliver our quality products to our customer even faster. And we are not stopping with additional investments in the new year: We are expanding our site in Germany even further! For more information about this subject, refer to the next editions of BAUM Inside.

