



# BAUMInside

# ACHEMA 2012

... WE ARE THERE!

## ACHEMA2012 ... Cordial Invitation!

**Dear customers and business partners,**

It has now been three years since we had the pleasure to welcome you, the last time, at our booth at the Achema in Frankfurt am Main. Over the past days and months a lot has happened in the global markets and every one was affected by these events in his or her own way. In 2009 the unstable situation in the financial markets, in 2010 the economic crisis and in 2011 the revaluation and devaluation in the euro zone, that is still going on. Thanks to a stable and consistent management, BAUM KUNSTSTOFFE GMBH was able to cope with all tasks and to pursue and implement, with great determination, the planned extensions and improvements, yet despite all the above-

mentioned events, challenges and unpredictable incidents. Thus, we were able to be a reliable partner for you in this time of crisis. Our objective for the Achema 2012 is to show you that, due to our experience, competence and know-how, we are an essential supplier for your pipings with corrosion protection. From PTFE liners to TFM and to PP as well as ETFE, we are able to offer you the appropriate lining materials. We are pleased to announce also for the Achema 2012 that we are able to present on this occasion, after years of research our BAUMBuch as well as our BAUMApp for mobile devices. It is with great anticipation that we look forward to the upcoming Achema and to the

many interesting discussions with you. We cordially invite you and your colleagues to the Achema (Hall 9.0 Booth C48) – see you in Frankfurt!

With best regards  
**Your BAUM-Team**

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### The BAUMBuch:

Experience and competence in the field of lining techniques with different materials

It is meanwhile sufficiently known that BAUM KUNSTSTOFFE is lining piping components „with PTFE“. This is what is normally said! Upon closer inspection, however, you notice that the linings are more complex and the lining techniques are more different, than is commonly known.

Firstly, there is the group of “fluoroplastics”. The above-mentioned PTFE forms, of course, part of this group. BAUM KUNSTSTOFFE GMBH only uses fine powders for its own paste extrusion (according to DIN 2848, paste-extruded liners have already higher strength values than e.g. isostatic liners).

Furthermore, BAUM has the possibility to line components with a modified fluoropolymer that is processible as melted mass: PFA. Self-developed PFA injection moulding systems are available for this purpose. Furthermore, there is also the possibility to line, apart from fittings, also tubes with PFA. Requests from customers, who have problems with permeation in their installations, for this type of product are on the rise (PFA has a significantly higher diffusion resistance than PTFE).

Speaking of permeation: A further modification of the PTFE powder is TFM, which deviates in important properties from PTFE. It has not only a higher diffusion resistance, but it is also weldable and, therefore, processible as sheet material to liner pipes. BAUM has for this an own computerized welding process, and thanks to this unsafe “hand-made welding seems” are things of the past. In addition, TFM is also available as powder and is thus – just like PTFE fine powder – processible in paste extrusion. Also in this case the advantage of the lower permeation plays an important role.

The high-end of this development, however, is ETFE which is brought into the steel

parts in the so-called “rotomoulding process”. Vacuum reliability, impermeability and abrasion resistance are the good reasons that justify, here as well, the higher investment costs.



Besides all these materials and processes in the field of fluoroplastics, we do not wish, however, to deny that there are alternatives for special applications as well: PP linings can be a more economical alternative for simple requirements, while PVDF renders a good service in, to some extent, very critical areas (e.g. Bromine).

We can be your partner for all these areas, materials and processes! Many years of experience in different areas with corresponding projects and references gives you the security that with BAUM you have found a strong partner at your side.

Visit us on the ACHEMA 2012 (Hall 9.0. booth C48). There we can and would like to show you all these materials! Furthermore, you can read a lot about the above-mentioned subject “Materials and lining techniques” (as well as about a lot of other subjects relating to piping construction) in our new reference book, the **BAUMBuch**.

We look forward to seeing you there!

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### The BAUMAPP:

The BAUMApp gives you the mobility that you need for your daily work! Perhaps you know the situation: you are underway in your company or your installation and rapidly need the dimensions of a tee or of an eccentric reducer?

BAUM KUNSTSTOFFE GMBH puts all this information at your disposal for your mobile devices (no matter whether it is **iPad**, **iPhone** or **Android Smartphone**). This is new: so far, our digital product catalogues were bound to stationary hardware (CD-ROMs or USB-cards) – now you only need your phone or your mobile device and you will have all technical details concerning Steel/PTFE components available!

The BAUMApp is offered free of charge to our regular customers and to interested parties, all planned updates will be free of charge for you as well. You can download the BAUMApp using the link [www.baum-kunststoffe.com/download/app](http://www.baum-kunststoffe.com/download/app) (it will only take a few minutes!).

You will find the BAUMApp in the Android marked (Google Play) or in the Apple iTunesStore after entering the search terms “BAUM” or “PTFE”.

#### BAUMApp - for mobile Info!

Test the BAUMApp with the available information on our piping parts on the iPads in the counter area of the BAUM exhibition booth at the ACHEMA in Frankfurt. Switch between up-to-date information and technical details concerning our components. Therewith, BAUM KUNSTSTOFFE GMBH provides an innovative solution for the mobile world of tomorrow.



# ACHEMA 2012 - CORDIAL INVITATION

## Cordial Invitation to the Achema 2012!

Dear business partners

We cordially invite you to visit us at the Achema in Frankfurt. Please find enclosed to this issue of BAUM INSIDE a **free entrance ticket** for the exhibition. You can either register online in the run-up to the exhibition or when accessing the exhibition grounds.



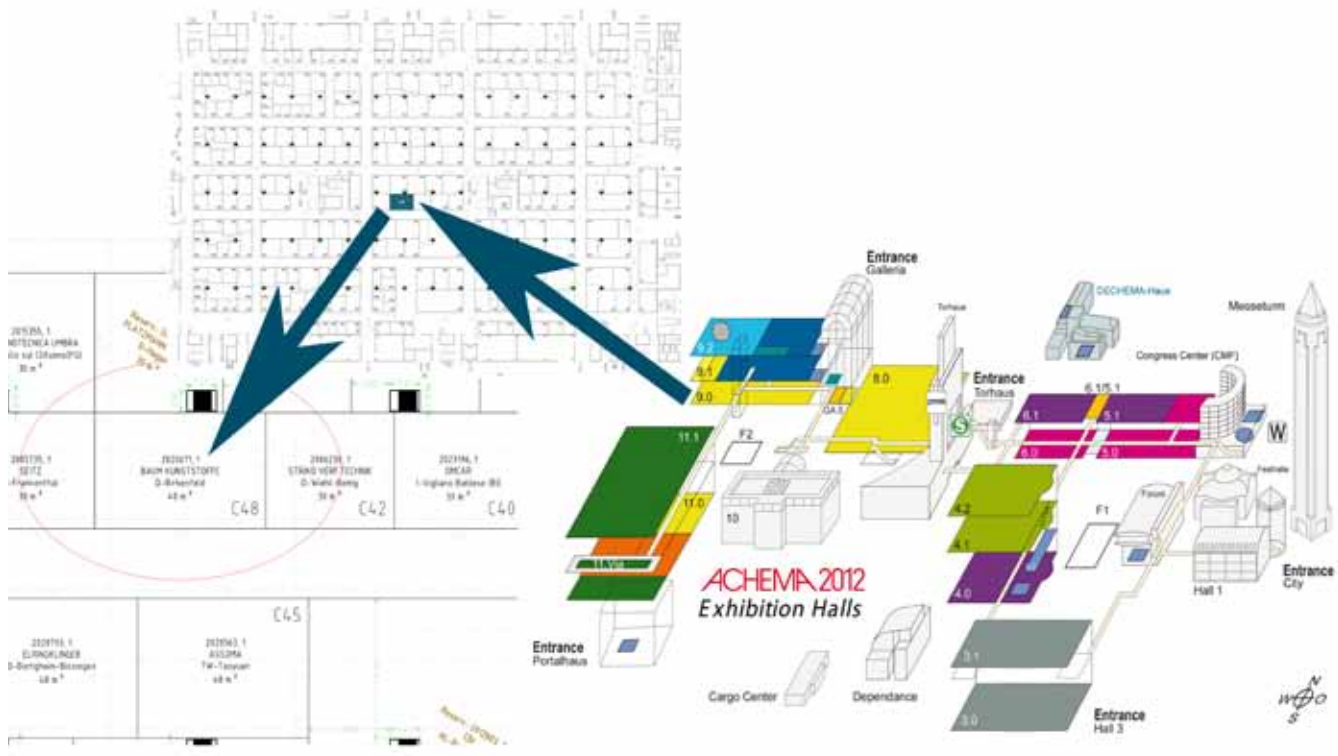
We have prepared a whole range of interesting news for you. On our booth C48 in hall 9.0 we will show you:

- Competence in the area of **corrosion protection with different lining materials** from more than 25 years of experience (PTFE, PFA, TFM, ETFE, PP, PVDF)
- the **BAUMBuch**: We put our many years of experience at your service – we offer you a multisided reference book on the topic of corrosion protection with Steel/PTFE
- the **BAUMApp**: Up-to-date information and comprehensive technical product details for your mobile devices.

During a personal discussion with you and your colleagues we can offer you quick and clever solutions for your range of application.

We look forward to your visit in Frankfurt - **You will find us in Hall 9.0 Booth C48.**

Your BAUM Exhibition Team



**CRN Approval in Canada**

After extensive approval procedures in all provinces of Canada we can announce, that BAUM KUNSTSTOFFE GMBH has now a nationwide approval for the supply of the Canadian market.

Here you see, as example, the approval for the province Newfoundland:



**Extension Assembly Hall (Group M2)**

End of 2011 we could move into the new facilities of the assembly department; thus increasing the production area by another 205 m<sup>2</sup>, being now available for the Group M2 (Fittings). Thus the group M3 (Special Parts) can expand in the existing assembly hall and start running new equipment for custom-made production.



**New employees**

In spring 2012 we were able to welcome the following employees in our company. They will actively support us with their experience in the following areas:

Mrs. Christina Bacher in the project management, Mr. Igor Petrov will be responsible, from June on, for Eastern Europe in the sales department, Mr. Martin Lohrmann as department manager in steel construction as well as Mrs. Manuela Peter responsible for order entry in the order processing centre (AZ).

We are looking forward to a good cooperation and wish all new colleagues a successful start at BAUM!

from left to right: Mr. Lohrmann, Mrs. Bacher, Mrs. Peter, Mr. Petrov



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**Outlook**

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