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**Enclosures**

**Newsletter for all GSB International Members**

**Edition 03 / 2012**

**1. Aluminium 2012  
9<sup>th</sup> World Exhibition and Congress**

**Exhibition**

The GSB International was represented for a second time at this event, which recorded a year on year increase of 10 % in exhibitors, 20 % in floor space and 23 % in visitors. For the ALUMINIUM, which took place in Düsseldorf for the first time after changing from the Ruhr to the Rhine, this was an impressive new start which finally elevated the exhibition into the premier league of industrial events.

Our stand was shared with the VOA in the Competence Centre Surface Technology located in hall 13, which was the perfect vehicle for us to introduce a wide international audience to the work and aims of our Quality Association. The GSB was supported by presentations from the following GSB members: Axel Tredder, Akzo Nobel Powder Coatings GmbH, Hans Dietrich Wahl, HD Wahl GmbH, Hans-Jürgen Alfort, Inver GmbH, Stefan Lenzer, MacDermid GmbH, Lars Sebralla, Chemetall GmbH, Dr. Thomas John-Schillings, Henkel AG & Co. KGaA, Chris Herrmann, PowCos GmbH, Jörg Schäfer, Gesamtverband der Aluminiumindustrie (GDA). PowCos GmbH, TQC GmbH und TK-Oberfläche GmbH also contributed.



Christian Wellner, Managing Director of the GDA, Hans-Jürgen Alfort, Chairman of the Board of the GSB International, Werner Mader, Managing Director of the GSB International.  
(Photo: GDA e.V. / Behrendt und Rausch Fotografie)



Silke Bohrer, GSB head office and Daniela Parisi, KJS Marketing

## Congress

Alongside the exhibition, five different sessions were held on all three exhibition days, featuring six 15 – 20 minute lectures each on application related topics such as "Processes", "Surface", "Automotive", "Transport" and "Aluminium Markets". All sessions were held in English to promote the international feel of the congress.



(Photo: GDA e.V. / Behrendt and Rausch Photographie)

Werner Mader, Managing Director of the GSB International chaired the surface session.

This session included presentations on the latest and future technical developments in the treatment of surfaces by members Dr. Thomas John-Schillings, Henkel AG & Co. KGaA, Dr. Axel Blecher, GSB International and Stefan Funk, FEM – Research Institute for Precious Metals and Metal Chemistry.

We would like to take this opportunity of thanking all these members for their support during the event and congress.

## 2. Warnings of the Centre for Protection against Unfair Competition e.V., D-Bad Homburg

We write to make you aware the companies have been issued with warnings for continuing to carry the old GSB International Logo as well as RAL RG 631 and RAL RG 667 in their brochures, internet sites, circulars and other correspondence or publications. Penalties issued by the above authority are in the region of 200 € for first offences, and further violation will be penalised with up to 5,100 €.

Penalty notices are issued based on the impression being created that there is an existing quality assurance in accordance with RA, which is misleading. The GSB terminated its RAL membership as of 31/12/2005, and as a result quality assurances in accordance with RAL are no longer valid. The correct references to quality assurances are GSB AL 631 and GSB ST 663 respectively.

As the GSB International had comprehensively advised all its members on the termination of their association with RAL, it will not consider compensation for any penalties issued in connection with the above.

## 3. GSB Training Course 16<sup>th</sup> /17<sup>th</sup> October, 2012

This course was held in Magdeburg focusing on lacquers and coatings. 30 delegates took part and course places were sold out early. Practical modules covered the following subjects:

### Technical Applications:

- Determining the degree of coating effectivity
- Comparing various corona application techniques
- Influence of spray stream and potential



Technical Measurements:

- Measuring colour
- Evaluating mechanical values of powder coated construction parts

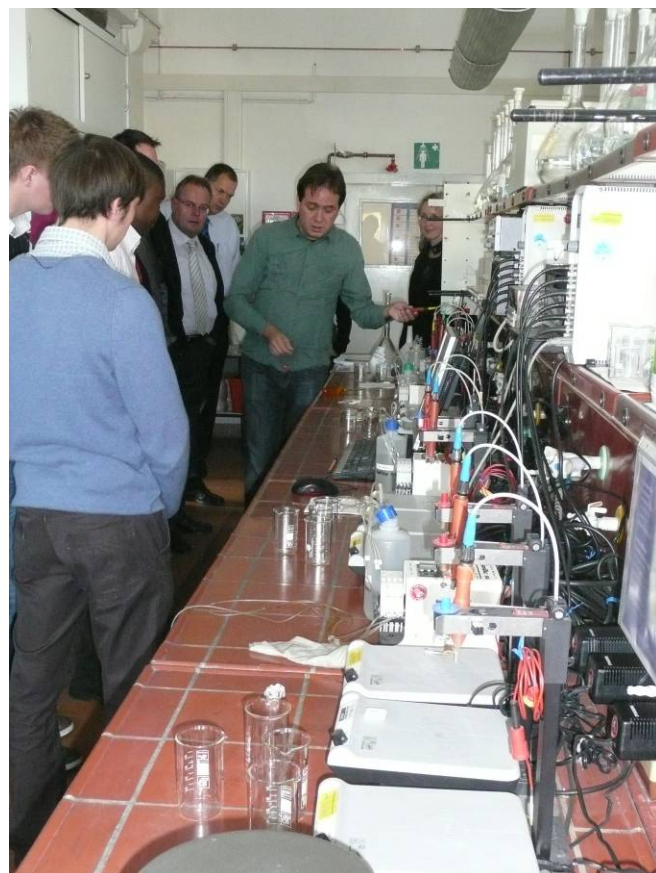


We would like to thank Mrs. Dreyer and Mr. Witter, ILF Magdeburg, Messrs. Rasche, Hufendick, Gema, and Mr. Scheithauer, FEM for their support.

**4. Info Event October 17<sup>th</sup>, 2012  
Resting Potential Analysis**

The Resting Potential Analysis is a method of controlling dipping during the surface pre-treatment process to facilitate the early indication of poor ASS (Acid Salt Spray) and FFK (Filiform Corrosion Test), which is possible after a relatively

short period of time, i.e. within 24 hours. Some coaters and pretreatment suppliers have been successfully using this method for several years, which was presented to 10 delegates from member companies both in theory and in practice.



We would like to thank Mrs. Dreyer and Mr. Droege, ILF Magdeburg, and Dr. Kathrin Eckhardt, Hydro Deutschland GmbH, for their assistance and support in organising this event.

**5. OFI Info Event  
September 20<sup>th</sup>, 2012**

In collaboration with the GSB International the Austrian Research Institute, Vienna, organised a meeting focused on:

**The aim and importance of Quality Regulations in the area of powder coating**

Around 50 delegates from Austria and neighbouring countries enjoyed 9 informative presentations delivered by representatives working in this area.



Photo OFI

## 6. Reports of the Technical Commissions

### General

The Quality Regulations for steel and aluminium are set to be harmonised to facilitate the alignment of their structure and processes and make them more user-friendly in their application.

Examination and test documentation will also be reviewed in alignment.

The harmonisation is aimed at making it easier for coaters, material and pretreatment suppliers to work with the Quality Regulations in both sectors.

The revised Quality Regulations will be presented to all members at the annual general meeting in Vienna, Austria.

### Aluminium

- Coating of PA supports

The TC is currently working on an info sheet regarding the coating of PA supports set to be published by the end of the year.

- Introduction of the evaluation of curing requirements after energy input to assess the over- and under curing of powder coatings.

The energy input control process will be introduced in the form of an info event planned for next spring.

The facility to take data from the measuring device controlling the furnace / oven is a pre-requisite for this process. It is currently being investigated, which members have this facility at present.

## Steel

- Chromium free surface pretreatment

The steel sector will also be subject to a change in technology regarding the chromium free surface pretreatment. Processes and requirements aligned to the existing parameters in the QR for aluminium are currently being worked on with a view to their integration into the QR for steel.

## 7. Board Report

Prior to the board meeting the board continued the strategy discussions started in May aimed at keeping the GSB International prominent on the international stage and promotes its unique position in the European market place.

The board focused on the harmonisation of the Quality Regulations, statutes and fee structure to be presented at the next annual general meeting with a view to making these more unified and easier to understand and apply.

## 8. Annual General Meeting 2013 in Vienna



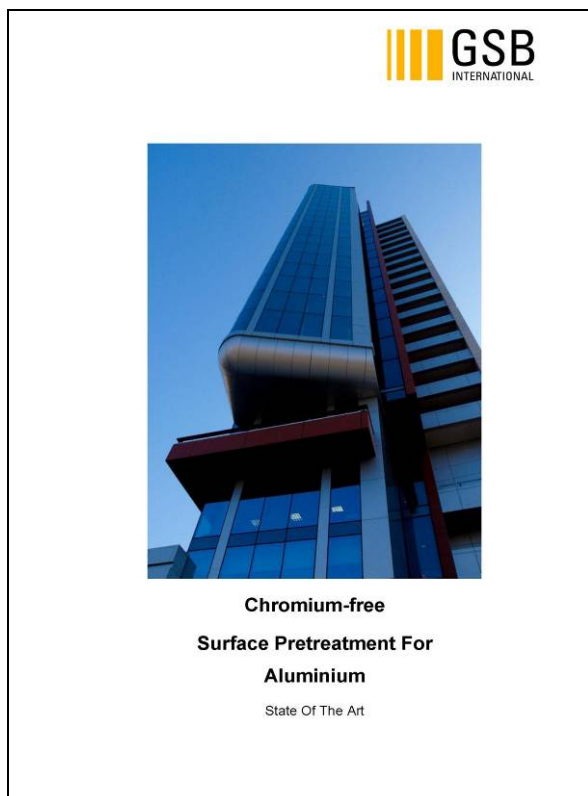
The GSB annual general meeting will be held in Vienna, Austria, from May 02<sup>nd</sup> – 04<sup>th</sup>, 2013.

Please ensure that you have these dates in your diary. Further details will be circulated in due course.

## 9. Chromium-free Surface Pretreatment For Aluminium State Of The Art

At the end of 2011 the GSB International published a brochure covering this topic.

This brochure is now available in **English** and will be circulated to all English speaking members in due course.



The current documentation describes the development and status of existing technology in the area of surface pretreatment processes relevant to the coating of aluminium piecework in the construction sector. It also provides an insight into other markets and processes, such as band coating, which is subject to similar legislation.

This brochure can be obtained in both German and English versions from the head office at a cost of 13.00 € inclusive of VAT.

## 10. IQC-Industrial Quality Coating

The GSB quality labels for aluminium and steel represent the highest standards of quality assurance in the construction industry and are well established throughout Europe.

However, the areas of industrial coating and mechanical construction fall short in providing a quality standard and regulation framework that is recognised in Europe. As a result these particular markets have to draw from often irrelevant standards and regulations designed for other sectors,

which rarely meet their specific requirements and demands.

The GSB aims to set standards for these areas and at the request of its members established a separate work group to work on specific, stand alone quality labels and regulations.



Industrial Quality Coating International (IQC) is an autonomous Quality Association operating within the GSB International e.V.

The Quality Regulations IQC 654 applies to the industrial powder coating of piecework made from steel and galvanised steel as well as aluminium and its alloys. Coatings for external architectural purposes are exempt, which designates a clear line of demarcation from the existing high quality standards applicable to aluminium and steel facades (GSB AL 631 und GSB ST 663). Liquid lacquers are set to be integrated as a next step.

The new Quality Regulations maintain the established parameters in terms of pretreatment and coating processes as well as in-house and external controls, which have been specifically adjusted to the requirements of the mechanical sector.

The new quality label IQC International facilitates the expansion into new markets and can be used by GSB members alongside the existing GSB quality labels.

The Quality Regulations were presented at the last annual general meeting and are available on request.

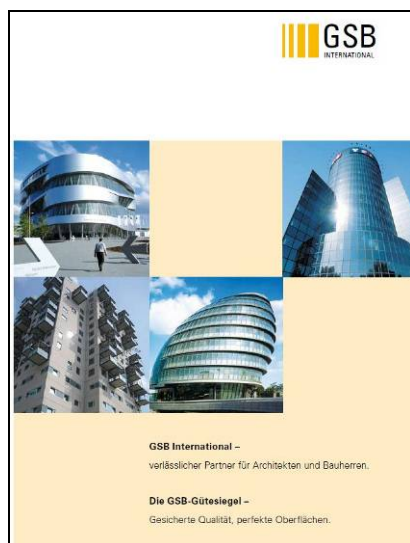
## 11. New Members

**We are delighted to welcome the following new members:**

IPK-Industrijska plastifikacija d.o.o.,  
HR-10255 Donji Stupnik /Croatia

IBA Kimya San. ve TIC. A.S.,  
TR-Ankara

## 12. GSB-Image Brochure PR Opportunities for Members



The new GSB image brochure (available in German and English) was launched on the occasion of the ALUMINIUM 2010 exhibition in Essen, as reported in the GSB News 03/10. A copy was posted to all GSB members. A further 10 copies can be requested free of charge and additional copies are available at a nominal charge of 2.50 € each inclusive of VAT. The outside back cover features a blank space designed for members to customise the brochure for PR purposes with their own company stamp / logo.

## 13. Banner Advertising and Reference Photos on the GSB-Website

Depending on space availability, all members have the opportunity of advertising on the GSB homepage. All we need is your logo in JPEG-format.

This is charged at a cost of 150.00 € for 3 months.

## 14. GSB Dates

### November 26<sup>th</sup> / 27<sup>th</sup>, 2012

Meeting of the Technical Commission Aluminium in Düsseldorf, Germany

### December 05<sup>th</sup> / 06<sup>th</sup>, 2012

GSB and IQC Info Event  
Athens, Greece

### January 01<sup>st</sup>, 2013

Board Meeting in Landshut, Germany

### February 06<sup>th</sup>, 2013 or February 13<sup>th</sup>, 2013

Meeting of Examiners and Evaluators in Düsseldorf, Germany

### March 05<sup>th</sup> / 06<sup>th</sup>, 2013

Meeting of the Technical Commission Aluminium in Düsseldorf, Germany

### March 14<sup>th</sup>, 2013

Meeting of the Technical Commission Steel in Düsseldorf, Germany

### May 02<sup>nd</sup> – 04<sup>th</sup>, 2013

Annual General Meeting in Vienna, Austria

### June 18<sup>th</sup> / 19<sup>th</sup>, 2013

Meeting of the Technical Commission Aluminium in Schwäbisch Gmünd, Germany

## 15. Events

### November 09<sup>th</sup>, 2012

Aluminium alloys - understandable!  
Clausthal-Zellerfeld, Germany  
[www.aluinfo.de](http://www.aluinfo.de)

### November 21<sup>st</sup>, 2012

OFI-Powder Coating Day  
Wiener Neustadt, Austria  
[www.ofi.at](http://www.ofi.at)

### November 28<sup>th</sup> / 29<sup>th</sup>, 2012

GDA-Seminar  
Surface treatment of aluminium, Düsseldorf, Germany  
[www.aluinfo.de](http://www.aluinfo.de)

## 16. Miscellaneous

### International Standard ISO TC 79 SC 9

The standards executive ISO TC 79 SC 9 - Organic and anodic oxidation coatings on aluminium meets in Berlin early in October. Mr. Mader will attend this meeting to represent the GDA, the German standards executive and the Committee for Standardisation of the European Aluminium Association (EAA), ensuring that the GSB continues to be kept up to date and influential on the latest international developments in the area of surface treatment for aluminium.

## 17. Material Lists

The lists of licensed, disabled and revoked materials are attached to this edition of the GSB News.

**The above lists supersede the information published in the GSB News 02/2012, which is no longer valid.**

The membership list is attached to this edition of the GSB News. At the same time we would like to point out that the current lists can be downloaded soon again via our website [www.gsb-international.de](http://www.gsb-international.de).

To ensure that you have the most up to date information, we recommend visiting our internet site regularly!

By converting the data processing, the cleanup and the comparison of redundant and inconsistent data lists, these lists will be no longer continued within this section.

You can find this information within the attached lists 01 – 07.