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1 20th Annual General Meeting

The 20th Annual General Meeting of GSB International will take place at the Dorint Pallas Hotel in Wiesbaden on 7 and 8 May 2015.

As well as changes to the quality guidelines, the members of the board, the Aluminium Quality Committee and the Steel Quality Committee were newly elected.

The invitations and the programme for this event have already been sent by e-mail. If you have not received any information, then please contact the GSB offices. You can also download the documents from the homepage.



2 Aluminium exhibition and conference 2014

Exhibition

GSB International attended this exhibition for the third time. The tasks and objectives of our quality community were presented to a wide international audience at the stand shared with VOA in the Surface Technology Competence Center in Hall 13, which had surfaces as its main theme. HD Wahl, Heroal - Johann Henkenjohann GmbH & Co. KG, TK-Oberfläche GmbH and Philipp Mader provided the exhibits.





At the exhibition, Mr Willem Beljaars, Chairman of GSB International, gave Mr Bernhard Aberle, the Managing Director of König Metallveredelung GmbH in Lauchringen, the certificate conferring their “Premium Coater” status as well as the additional seals “Sea Proof” and “Sea Proof Plus”.

Convention

On all three days of the exhibition, there were five different sessions each consisting of six 15-20 minute presentations on the following application-related topics: plant and equipment, surface, automotive and aluminium markets. To underline the international focus of the exhibition, all the sessions of the convention were held in English.

The “Surface” session was run by Dr Katrin Eckhard, Hydro Rolled Products GmbH, and member of the Aluminium Quality Committee of GSB International.

The session included presentations on the state of the art and the future development of surface treatment by the following members:

- Hans-Jürgen Alfort, GSB International,
- Patrick Hilpert, NABU-Oberflächentechnik GmbH,
- Russell Stephen Deane, Akzo Nobel Powder Coatings Ltd, U.K.,
- Peter Frese | Axalta Coating Systems Germany GmbH and
- Dr Lutz Hüseman, Henkel AG & Co. KGaA.



(Photo: GDA e.V. / Behrendt und Rausch Fotografie)

3 GSB – information event for exhibitors and visitors from Turkey

The second day of the exhibition saw an information event in cooperation with IBA Kimya San. ve TIC. A.S., Sincan-ANKARA, Turkey in Düsseldorf.

More than 25 participants responded to the invitation. GSB International and the seal of quality were introduced to them. The event was concluded with a company presentation by IBA Kimya..

4 GSB – information event in Copenhagen

The quality seals of GSB and IQC were presented to more than 30 participants on 19 May 2015 in Copenhagen. Here is an overview of the individual presentations:

- What a powder coater should know about aluminium
Werner Mader, GSB International, Germany
- Substrate – the great unknown – steel and galvanised steel
Willem Beljaars, Weertgroep, the Netherlands
- How can I find the right pre-treatment for my process?
Jörgen Pettersson, Candor Sweden AB, Sweden
- Powder coating technology
Henrik Brø, Jotun A/S, Norway
- Practical experiences of a GSB coater
Ulrik Praastrup, Dan Color, Denmark
- GSB and IQC – quality assurance for high-quality surfaces
Werner Mader, GSB International, Germany

The event was held in Copenhagen in collaboration with the company Dan Color. We would like to offer our heartfelt thanks for the support.

5 Aluminium convention in Thessaloniki 22./23.11.2014

At this convention of the Aluminium Association of Greece, our Honorary Chairman Hans-Jürgen Alfort introduced GSB International to a large audience of more than 150 from the aluminium industry as well as coating and metal fabrication companies.

In his presentation entitled “Why GSB?” he covered a wide range of topics from the history of GSB and its development projects to the future challenges faced by the industry. He explained the competitive advantages that the quality assurance system of GSB would have for the individual companies and their customers.

6 OFI Powder Day in Vienna

On 6 November 2014, the Austrian Research Institute in Vienna held a conference on powder coating technology in Vienna New Town.

The speakers provided around fifty participants from Austria and adjoining countries with comprehensive information during their presentations. Mr Mader of GSB International gave a presentation on aluminium and its alloys. He examined in particular material-specific aspects which a powder coater should know.

(Photo: Source OFI)



7 Training courses on 14 and 15 October 2014 in Bielefeld

A training course with 12 participants entitled “**From the enquiry to the implementation of construction projects**” was held in Bielefeld on both 14 and 15 October 2014.

Ms Christina Weiss, lawyer for building and architectural law, and Mr Peter Weiss, lawyer for commercial, company and tax law, guided the participants through the legal questions which arise when carrying out orders.

In a workshop based on current questions and practical examples from the participants, the following topics were illuminated step by step:

- Enquiry and quotation
- Contract
- Implementation, acceptance, construction time, transfer of risk
- Defect rights, liability, statute of limitations



Due to high demand, GSB is planning to hold this training course again in October 2015.

8 From the work of the quality committees

Aluminium Quality Committee and Steel Quality Committee

The main focus was the revision of the quality guidelines and the adaptation of the quality guidelines to current standards. The changes were presented to the General Meeting for approval.

Tester meeting

On 20 January 2015, the GSB tester meeting took place in Schwäbisch Gmünd. It served to reach a consensus on how test processes should be carried out and to exchange experiences.

9 Declaration of Conformity (CE marking) in accordance with EN 1090 for aluminium and steel

To begin, a few words on the EN 1090 standards. The standards consist of three parts:

- EN 1090 Execution of steel structures and aluminium structures
- Part 1: Requirements for conformity assessment of structural components
 - Part 2: Technical requirements for steel structures
 - Part 3: Technical requirements for aluminium structures

Since 1 July 2013, the new building product regulations have applied within the EU. Load-bearing structures are only allowed to be brought onto the market if the constructions are provided with a Declaration of Conformity and a CE marking in accordance with EN 1090. A transition period remains in effect for Germany until 1 July 2014. The Declaration of Conformity and CE marking require that the Factory Production Control (FPC) of the manufacturer of the load-bearing structure is certified. The certification is carried out by an institute accredited to do this.

The Declaration of Conformity and the CE marking contain all product characteristics, such as geometrical tolerances, suitability for welding, fracture toughness, fire behaviour, etc. The “Durability” section is of particular interest to coating companies. It contains information on corrosion protection, i.e. that the execution of the corrosion protection also has to be integrated into the FPC of the manufacturer of the load-bearing structures. If the manufacturer of the load-bearing structures carries out the coating work within his company, then this is easy.

In practice the coating work is carried out by hired coaters, which then have to be incorporated into the FPC of his customers. A distinction now has to be drawn between steel and aluminium.

- EN 1090-3 Aluminium

This standard contains all technical requirements for aluminium structures, e.g. installation, welding, tolerances.

Surface treatment is covered under point 10 and Annex F of this standard. It is noted in Annex F that the quality assurance and assessment can take place in conjunction with a recognised European quality seal. For the GSB coater this means that he can provide evidence for the FPC and the Declaration of Conformity of his customer by means of the Aluminium Quality Seal of GSB International in accordance with QR AL 631.

- EN 1090-2 Steel:

This standard contains all technical requirements for steel structures, e.g. installation, welding, tolerances.

The execution of the corrosion protection or the coating work is described under points 10, 12, 12.6 and Annex F of this standard. In comment 2 under point F1.1 in appendix F, reference is explicitly drawn to the two standards EN 13438 and EN 15773 for the powder coating of steel. In contrast to aluminium, this standard does not contain any explicit reference to a recognised European quality seal. However, in our view the Steel Quality Seal of GSB International is suitable in accordance with QR ST 663 as reference is explicitly drawn to the two cited standards in the quality regulations.

Please contact the GSB office for details: info@gsb-international.de.

10 “We support GSB”



This new logo is available to our supporting members. It expresses a clear commitment to high quality.

You can obtain master copies from the Düsseldorf office.

11 Banner advertising and reference photos on the GSB website

Capacity permitting, we offer our members the opportunity to advertise on the GSB homepage. All we need for this is a logo as a JPEG file.

The cost is €150.00 for three months.

12 Training courses

- **Building projects: from enquiry to execution**

Location: N.N.
Date: On both 29. October 2015 and 30. October 2015
Language: German
No. of participants: 12

- **Application of powder coating**

Location: N.N.
Date: IV. Quartal 2015
Language: German
No. of participants: 25

13 GSB dates

07. / 08. May 2015

GSB general meeting in Wiesbaden

www.gsb-international.de

14 Events

10. September 2015

GDA seminar

“Technology of Extruded Aluminium Profiles” in Düsseldorf

www.aluinfo.de

4. - 5. November 2015

GDA seminar

“Surface Treatment of Aluminium” in Düsseldorf

www.aluinfo.de

5. – 6. November 2015

**GDA seminar “Aluminium and its alloys” - an introduction for technicians and traders
in Clausthal-Zellerfeld**

www.aluinfo.de

15 List of authorized expert

The GSB-Headoffice has a list of experts with all contact information and you`re welcome to inquire it about info@gsb-international.de.

16 Material- and Member Lists

Since the beginning of June 2013, the new GSB International Homepage is active online. Any changes to listings will be updated at the end of each month.

