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1. Briefly Noted

Ladies and Gentlemen,

it appears to have become fashionable to consider difficult and critical decisions as „without alternative“, which brings to my mind an old Latin proverb „Many roads lead to Rome!“

For over 15 years there have been clear indications that Chromium VI –compositions ought to be replaced in the surface pre-treatment process, and our association has been working on alternative pre-treatment processes in close collaboration with the Aluminium Industry as well as Pre-treatment chemical suppliers ever since. For over 10 years now, GSB approved coaters and licenced Premium Coaters have been working with chromium free pre-treatment systems. The results achieved are comparable to those produced by chromating systems.

Pre-anodising is a further pre-treatment process we have been actively involved in, which has produced excellent test results in terms of corrosive protection particularly in maritime climatic conditions.

Since the introduction of declaration free pigmenting, the GSB has taken on a pioneering role often against some resistance from within the industry, and nowadays even in Southern Europe the renunciation of using pigments containing heavy metals has become a matter of course.

The introduction of sustainable and environmentally friendly systems and processes requires a huge amount of time and dedication – but are we not duty bound to explore such alternatives?

„Those who only do what they already know, will always be stuck with what they already are“
(Henry Ford)

Yours sincerely,
H.-J. Alfort



2. GSB-General Meeting 9th and 10th May 2011 in Düsseldorf

Over 100 delegates from all over Europe accepted the invitation to attend the 18th General Meeting in Düsseldorf on 9th and 10th May 2011. The meeting program included visits to the world's largest hot rolling plants, one of Europe's biggest Aluminium Preparation Operations and a City tour of Cologne.

Topical Lectures on the current market and on subjects relevant to Aluminium were also on the agenda.

The closed Members' Assembly focused on the election of the Board and Technical Commission, the Introduction of the new IQC Quality Label, the revision of the Quality Regulations and the signing of the co-operation agreement with GDA (see following reports).

- **Evening Event on 9th May 2011**

As part of the evening event, **Univ.-Prof. Dr. Jürgen W. Falter** of the University of Mainz delivered a lecture entitled: „From Euphoria to Scepticism to Rejection. Opinions on a developing EU“, which was of great interest to all delegates and their guests.



Prof. Dr. Falter

- **Lectures**

The morning session started with a number of impressive lectures:

Dr. Andreas Postler

„Construction and Aluminium industries as developing markets throughout Europe“

Dr. Martin Schleiß

„REACH – 2011 Challenges“

Dr. Axel Blecher

„Boiling Water Testing of pre-anodised coated construction piecework“

Jörg Schäfer

„Building Certification Systems and their influence on the Coating Industry“



Von links: Dr. Axel Blecher, Dr. Andres Postler, Dr. Martin Schleiß, Jörg Schäfer
Photo: PSE/Susanne Elgass

The lectures are enclosed. Please ask the GSB headoffice for Dr. Blecher's lecture.

- **Cooperation GDA/GSB**

The closed Members' Assembly started with the official signing of the co-operation agreement with the GDA whose signatories were their President Friedrich Brökelmann and Vice President Oliver Bell. Chairman of the Board Hans-Jürgen Alfort, and Deputy Chairman Petros Goulas signed the agreement on behalf of the GSB.



Oliver Bell, Friedrich Brökelmann, Hans-Jürgen Alfort, Petros Goulas
Photo: GDA

- **Members' Assembly**

Statutory elections to the Board and the Technical Commission were included on the agenda. Messrs. Pedro Lloret and Matthew Osmond no longer stood for election to the Board. Dr. Axel Blecher and Mr Rudolf Holzberger no longer stood for election to the Technical Commission. Mr Alfort thanked all aforementioned gentlemen for their many years of service and positive contributions. Mr Pedro Lloret was appointed an Honorary Member of the Board and Dr. Axel Blecher was made Honorary Chairman of the Technical Commission.

Hans-Jürgen Alfort honors the resigned.



Dr. Axel Blecher



Pedro Lloret

Ignacio Lloret
Ladal – Lacado del Aluminio S.A. / E – Llerida

Werner Hillebrand
Rudolf Hillebrand GmbH & Co. KG / D – Wickede

Thomas Knoll
Tigerwerk GmbH & Co. KG / A – Wels

Bernd Kassing
TK Oberfläche / D – Bielefeld

Oscar Wezenbeek
Akzo Nobel Powder Coatings / NL - Sassenheim

Further members of the Board are according to the Statutes:

Boris Grau
Piesslinger GesmbH
Chairman of the Technical Commission Aluminium

Willem Beljaars
Weert Groep / ElectroCoat B.V.
Board Representative for the Steel Segment and
Chairman of the Technical Commission Steel



Matthew Osmond



Rudolf Holzberger



From left: Werner Hillebrand, Dr. Axel Blecher, Ignacio Lloret, Hans-Jürgen Alfort, Matthew Osmond, Pedro Lloret, Bernd Kassing, Willem Beljaars, Oscar Wezenbeek, Thomas Knoll, Pedros Goulas, Boris Grau

The newly elected **Board** is as follows:

1. Chairman
Hans-Jürgen Alfort
Inver GmbH / D – Essenbach-Altheim

Deputy Chairman
Pedros Goulas
Alumil Milonas Aluminium / GR - Kilkis

The **Technical Commission Aluminium**, which represents the International Members' structure of the GSB is as follows:

Chairman
Boris Grau / Piesslinger GesmbH

Deputy Chairman
Frank Zimmermann / Inver GmbH

4 Coaters:
Erich Burkhardtmaier / HD Wahl GmbH
Jorgen Eriksen / dc dan-color, Denmark

Dieter May / Koenigsdorf Oberflächentechnik GmbH
 Herr Andreas Poth / Metallbeschichtung Landau GmbH

3 Material Suppliers:

Richard Baumberger / TigerCoatings GmbH & Co. KG
 Dr. René Mattern / IGP Pulvertechnik KG
 Christian Ruhland / NABU Oberflächentechnik GmbH
 Roswitha Schraml / DuPont Performance Coatings GmbH

2 Pre-treatment Chemical Manufacturers:

Dr. Thomas John-Schillings / Henkel Surface Technologies
 Christain Ruhland / NABU Oberflächentechnik GmbH

2 Patron Members:

Bernd Rüdiger Maskos / Schüco International KG
 Dr. Kathrin Eckhard / Hydro Aluminium Rolled Products GmbH

The **Technical Commission Steel** is now as follows:

Chairman
 Willem Beljaars / Weert Groep / ElectroCoat B.V.

Thomas Wagner / Voigt & Schweitzer

Burkhard Maier / Akzo Nobel Powder Coatings GmbH

André Beckermann / Ganzlin Beschichtungspulver GmbH,

- **Revision and Extension of the Quality Regulations GSB AL 631 and GSB ST 663**

Dr. Blecher and Mr. Beljaars introduced the revision and extension of the GSB Quality Regulations AL 631 and GSB ST 663, which had been distributed to all members prior to the meeting, to all delegates in some detail. The changes were sanctioned by a significant majority and are currently in the process of being integrated and published in the Quality Regulations.

- **IQC – Industrial Quality Coating**

Mr. Alfort and Mr. Mader elaborated on the meaning and structure of the planned Quality Association, which areas it will affect and what type of operations will be included:



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

The Members' Assembly voted with a large majority in favor of the introduction of IQC and charged the Board with the establishment of this quality association.

The IQC 654 Quality Regulations apply to the industrial coating with powder lacquer of piecework made from steel, galvanized steel as well as aluminium and its alloys. Coated piecework destined for architectural external use is excluded, which now provides a clear distinction to the previous regulations and adequately represents the extremely high quality standards of Aluminum and Steel Facades in line with GSB AL 631 and GSB ST 663. The inclusion of liquid lacquers is scheduled as a next step development.

The new Quality Regulations include tried and tested standards covering the pre-treatment and coating processes, internal as well as external control procedures which have been specifically adapted to the requirements of the industrial coating and equipment markets.

The new IQC International Quality Label represents an extension into other market areas and can be used by Members as an additional quality standard to the existing GSB Quality Labels.

- **Aluminium 2012**

Mr Wellner / GDA and Mrs Dahinten / Reed Exhibitions Deutschland introduced

Competence Centre Surface Technology (CCST), ALUMINIUM 2012, 9. – 11. October 2012, Exhibition in Düsseldorf

For the first time at this exhibition, a separate hall will be dedicated to „Surface Treatment and Technologies“. At the centre of the themed pavilion the GSB will introduce itself to an international audience and all members will be given the opportunity to take a stand within the pavilion.

• **Sponsors**

The GSB would like to express our sincere gratitude to all sponsors for their contribution to the GSB International General Meeting:

- Akzo Nobel, Arnsberg
- Alufinish GmbH & Co. KG, Andernach
- Chemetall GmbH, Frankfurt
- GDA, Düsseldorf
- Henkel AG & Co. KGaA, Düsseldorf
- ILF Forschungs- und Entwicklungsges. Lacke u. Farben mbH, Magdeburg
- IGP Pulverlack GmbH, Landhut
- Inver GmbH, Essenbach-Altheim
- NABU Oberflächentechnik GmbH, Stulln
- Tiger Coatings GmbH & Co. KG, A - Wels



From left: Friedrich Brökelmann, Oliver Bell, Petros Goulas, Werner Mader, Hans-Jürgen Alfort, Christian Wellner
Photo: PSE/Susanne Elgass

A few snapshots from the General Meeting in Duesseldorf



Renate and Harald Knufinke, Honorary Chairman of GSB



GSB Representative for South East Europe, F. Karatzas with his wife



Renate Knufinke and Pedro Lloret, Honorary member of the GSB Board



Dr. Kathrin Eckhard, Hydro Aluminium, Dr. Axel Blecher, Daniel Kassing, Werner Mader and Bernd Kassing



From right: Boris Grau, the new Chairman of the Technical Commission Aluminium, Herbert Breunig of Gartner Extrusions and Peter Scheithauer



Bernd Kassing, GSB Board Member and his son Daniel



3. Aluminium-21/Coatings in St. Petersburg

The 2nd International Conference and Exhibition „Aluminium-21/Coatings“ took place at St Petersburg from 31st May – 2nd June 2011. The GSB sponsored this event and was represented by Mr Alfort and Dr. Blecher. On behalf of the GSB Dr. Blecher delivered a lecture which was very well received.

The GSB used this event as an opportunity to cement its existing contacts within the Russian Market and to introduce the Quality Label to a wider audience.

4. GSB-Training Courses 2011

The next Course in German is scheduled for **11 / 12 October 2011 in Schwäbisch Gmünd.**

Alongside the lecture program, this course will focus on the practical application of internal and external controls relevant to the pre-treatment process.

Invites and a full course program will be circulated in due course.

No further courses are scheduled for the remainder of this year.

5. Marketing of revoked coating systems and colors

Coating systems and colors whose license has been revoked must no longer be marketed as GSB approved. All manufacturers are duty bound to advise their clients immediately upon the license withdrawal.

The latest state of the licenses is published quarterly in the GSB News. The updated list can be downloaded from the homepage.

Coaters are asked to immediately inform GSB should blocked systems or colors be distributed as licensed.

6. GSB Image Brochure: Members' Advertising Opportunities

The new GSB Image Brochure (available in German and English) was launched at the ALUMINIUM 2010 exhibition in Essen as reported in the GSB News 3/10. All members have been sent a sample in the post. Upon request we are happy to send you another 10 copies free of charge. Any further copies will carry a nominal charge of 2,50 €. On the outside back page of the brochure is a designated area to insert individual company logos to facilitate the use of this brochure as an effective advertising tool.

7. Banners and Reference Images on the GSB Website

Depending on capacity, all Members have the opportunity of advertising on the GSB Homepage. All we need is your Logo as a JPEG Picture.

Homepage advertising space is charged at € 150,00 for 3 months.

8. Members' Development

We have the pleasure for welcoming the following new member of GSB International:

Schweiker Oberflächentechnik GmbH
D - 06184 Kabelsketal
Master-Coater License no. 256

9. GSB- 3rd Quarter 2011 Dates

11. / 12.07.2011

Meeting of the Technical Commission in Schwäbisch Gmünd

10.10.2011

Meeting of the GSB Board in Schwäbisch Gmünd

11. / 12. 10.2011

Advanced Training Course in German language in Schwäbisch Gmünd

10. Exhibitions and Events

09. – 10. November 2011

„GfKORR-Jahrestagung

„Aluminium – bereit für die Zukunft“

Frankfurt/Main, DECHEMA-Haus

Information/Registration: Christa Steinmetz

GfKORR - Gesellschaft für Korrosionsschutz e.V.

- Hauptgeschäftsstelle -

Theodor-Heuss-Allee 25, 60486 Frankfurt/Main

☎ +49 69 - 7564-360, 📠 +49 69 - 7564-391

E-Mail steinmetz@dechema.de

www.gfkorrr.de

23. – 23. November 2011

European Aluminium Congress 2011

Maritim Hotel Düsseldorf

www.aluminium-congress.de

17. – 20. April 2012

PaintExpo

Exhibition Karlsruhe

www.paintexpo.de

9. – 11. October 2012

ALUMINIUM 2012

Exhibition Düsseldorf

www.aluminium-messe.com

11. Superdurable Systems

The following superdurable systems were changed from Premium to **Master** systems:

Company	Product	License no.
DuPont / Sweden	Alesta SD SD Gloss	163 e
Relius Coatings / Germany	Polyester Pulverlack Serie 537 glänzend	155 c

12. Revoked and withdrawn Coating Materials and Colors

a) Revoked/Withdrawn Systems in the Aluminium Sector

Company	Product	Licence No	Withdrawn	Revoked
Akzo Nobel	Interpon D 1094 HR	108 h	X	
	Interpon D 1094 Satin	108 q	X	
	Interpon D 1094 Matt	185 a	X	
Frei Lacke, Döggingen	PR 1004xxxxxx	141 b	X	
IGP / Schweiz	IGP-DURAFace 5809	109 q	X from batch No 1123407	
Jotun / Norwegen	PE-F Series 2497/2498	110 p	X	

b) Withdrawn/Revoked Colours in the Aluminium Sector

Company	Product	Licence No	Withdrawn	Revoked
Akzo Nobel Powder Coatings, England	Interpon D 3000 - PREMIUM -	180 a		NCS7030 R70 B (2008)
Bergolin. Germany	Superdur AC Gloss80	103 c	Special Color „Yellow Green“ (2010)	
Bubenhofer AG, Switzerland	Polyflex PES-135 GL, Tribo,	115 i		RAL 6021 (2004)
CWS, Germany	Cewepol-Architektur Pulverlack T	149 a		RAL 8017 (2006) RAL 2004 (2007)
DuPont / Sweden	Alesta AP AE 8001-xxxxx27 Alesta SD SDE gloss - Premium -	163 a 163 e		RAL 9007 (2009) RAL 6005 (2007)
Flycoat, Italy	PT1LM29	224 a		RAL 8014 (2008)
Pulverit S.p.A., Italy	Pulverit Series 51	133 h		RAL 1013 (2003) RAL 9010 (2003) RAL 6005 (2006)
Relius Coatings, Germany	Polyester 536 gl.	155 a	RAL 7026	RAL 6005 (2009) RAL 1017 (2010)
Rohm+Haas Germany (Akzo Nobel Powder Coatings)	Vedoc Bonaflex	106 f		RAL 5015 (2000)
Rohm+Haas Germany, Italy, Spain (Akzo Nobel Powder Coatings)	Bonalux extreme weather-proof	176 a		RAL 6017 (2009)
ST Powder, Italy	Series P-G 80	215 c		RAL 6005
	Series MST 80 – MASTER -	215 g		RAL 1033
Teknos Oy, Finland	Ilfralit PE 8950	146 d		RAL 5024

Tiger Coatings, Austria	Tiger Drylac Series 29 matt	107 i	90089 Elox- alsilver 90289	
	Tiger Drylac Series 29 matt	107 i	Stainless Steel matt 90003 Silver matt 90224 Silver matt	
	Tiger Drylac Series 29 gl.	107 m	90230	
	Tiger Drylac Series 29 sdgl. Tiger Drylac Series 29 Fine structure	107 q 174 b	90096 90316	
Valspar, England	Syntha Pulvin Plus Matt / Synthatec Plus Matt	129 c		RAL 7021

c) The following colours are NOT licenced pending Florida weathering results – Aluminium Sector			
Company	Product	Licence No	Colour
Akzo Nobel Powder Coatings, Germany, England, France, Italy and Spain	Interpon D 1036 Matt (30)	101 n	ca. RAL 7012
Jotun, Norway / Czech Rep.	Corro-Coat PE-F Series 2191	168 b	RAL 7042
Pulverit, Italy	Series 51 Series 52	133 h 133 k	RAL 7023 / RAL 7037 RAL 7037
Rembrandtin, Germany	Glattpulverlack PE gloss	235 a	RAL 7023
Teknos Oy, Finland	Infralit PE 8350 Infralit PE 8950	145 b 146 d	RAL 7015 RAL 7037

d) Withdrawn/Revoked Colours in the Steel Sector				
Company	Product	Licence No	Withdrawn	Revoked
DuPont, Germany	Alesta AE80XX-XXXXXXX and Alesta EE70XXXX- XXXXX = 2 Layer Structure	908 c		RAL 7004 (2007)
Oxyplast	PE 64	910 a		

The above listed material systems, colors and pre-treatment systems must no longer be used for GSB approved coatings.

The above supersedes the list published in the GSB News 1/2011.

A continually updated list of Members and licensed systems can be downloaded from our Website **www.gsb-international.de**. For the purpose of topicality, we therefore recommend that you visit our Internet site on a regular basis!

Due to technical reasons the members' lists and lists of approved systems are not included to this edition of our GSB News. We will distribute them as soon as possible.