

Contents:

1. General Member's Meeting 2013 in Vienna
2. Board
3. Chromium-Free Surface Pretreatment
4. The First Chromium-Free Coated Facade Using a GSB Licensed System
5. Report of the Technical Commission
6. IQC-Industrial Quality Coating
7. Aluminium-21 in St. Petersburg
8. New Members
9. GSB Training Courses 2012
10. GSB Image Brochure: PR Opportunities for Members
11. Banner Advertising and Reference Imagery on the GSB-Website
12. GSB Dates and Events
13. Aluminium 2012 – Düsseldorf
14. Events
15. Miscellaneous
16. Newly Licensed Coating Materials / Colours
17. Withdrawn and Suspended Coating Materials / Colours
18. Withdrawn and Suspended Systems / Colours

1. General Members' Meeting 2013 in Vienna



The GSB General Members' Meeting will take place in Vienna from May 02nd – 04th, 2013.

Please ensure this date is in your diaries. Further details will be available in due course.

2. Board

The Board has restructured and reallocated the tasks as follows:

Hans-Jürgen Alfort (Chairman)	Co-ordination Financial Marketing South East Europe
Petros Goulas (Deputy Chairman)	Chairman Steel Range Chairman TC Steel
Willem Beljaars	Chairman Steel Range Chairman TC Steel IQC
Werner Hillebrand	Chairman TC Aluminium
Bernd Kassing	Training Courses
Thomas Knoll	Job Coaters
Uwe Kratz	Southern Europe (I, E, F)
Ignacio Lloret	Material Manufacturers Relationship to Qualicoat
N. N.	

Personnel Changes to the Board and Technical Commission

Regretfully, Mr. Grau had to resign his position as Chairman of the Technical Commission. We would like to take this opportunity of thanking him for sharing his long standing experience and for his valuable contribution to the work of the Technical Commission.

Mr. Bernd Kassing (TK-Oberfläche GmbH) was unanimously voted to replace Mr. Grau as Chairman of the Technical Commission in line with the statutes of the Association (by written vote).

The Board has also appointed Mr. Uwe Kratz (Weinisch GmbH & Co. KG) in accordance with the statutes as a member of the Board.

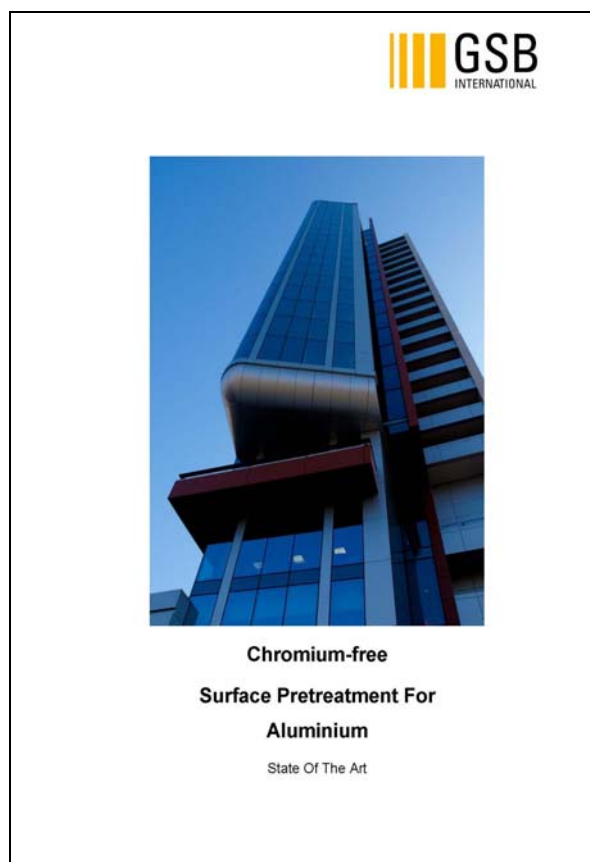
Strategy Meeting

The Members of the Board met at the end of May for a Strategy Meeting to develop future strategies that keeps the GSB in the coming years at an international course with a view to profiling the strengths of the GSB International as a stand alone association in European markets over the coming years.

3. Chromium-Free Surface Pretreatment

At the end of 2011, the GSB published a brochure covering this subject.

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



The existing documentation describes the development and technical advances in the area of surface pre treatment processes for coated Aluminum piecework in the building sector as well as providing an insight into other markets and processes, such as band coating for example, which are subject to similar legal requirements and controls.

This brochure is now available to order from our head office either in German or English at a price of € 13.00 inclusive VAT.

4. The First Chromium-Free Coated Façade using a GSB Licensed System

During a meeting of the Technical Commission at Henkel in Düsseldorf on June 26th, 2012 members of the TC had an opportunity of viewing the first ever façade coated in 1994 using a GSB licensed chromium-free process.



Members of the Technical Commission Aluminum, facing the camera in front of the Henkel façade.



Even after 18 years, the coating still satisfied the critical eyes of the experts.

5. Report of the Technical Commission

Introducing the Evaluation of Curing Conditions in line with the energy regulations relevant to the assessment of over- and under curing of powder coatings.

All examiners will be advised in writing on the type of temperature gauging device available on site at material manufacturing plants and on the feasibility of exporting in Excel using these devices. Material manufacturers, who have any such new equipment, will be entitled to use it, bearing in mind the added benefits to the environment in terms saving energy and heating costs. Further details of this process will be published in the next edition of the GSB-News.

Resting Potential Analysis

The Resting Potential Analysis is a method of surveillance dips during the pretreatment process to facilitate the early indication (after only 24 hrs) that poor ESS (Salt Spray) and FFC (filiform corrosion) test results are to be expected. Many coaters and pre treatment manufacturers have been successfully working with this process for many years. It is planned to introduce this method at an information event to run parallel to the training course at Magdeburg in the autumn.

6. IQC-Industrial Quality Coating

The GSB quality labels for Steel and Aluminum represent an exceptionally high standard of quality in the building sector and are established as such on all European markets.

As far as industrial coating and mechanical construction are concerned, however, European quality standards and formal regulations are conspicuously absent in both these areas. As a result those markets often resort to standards and specifications that have been written for other applications and bear little relevance to their actual requirements and practicalities.

It has long since been the mission of the GSB to set meaningful standards in these sectors. At the request of GSB members a work group was set up which has produced stand alone, customized quality labels and guidelines.



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

The quality guidelines IQC 654 apply to the industrial coating with powder lacquers of piecework made from Steel and galvanised Steel as well as Aluminum and its alloys. Coatings for external architectural use are exempt to facilitate a clear distinction from the existing guidelines and high quality standards applicable to Aluminum and Steel coated building facades (GSB AL 631 and GSB ST 663). Liquid lacquers are planned to be included as a next step.

The new quality guidelines contain tried and tested regulations relevant to the pretreatment and coating processes, as well as in house and external control procedures, which have been adapted to meet the specific requirements of industrial and mechanical construction coatings and their markets.

The new quality label IQC International represents a potential for expansion into different market sectors and can be used by GSB members in addition to the existing GSB quality labels.

It is planned to introduce the new quality guidelines on the occasion of the next General Members' Assembly / Meeting. Copies can be obtained on request.

7. Aluminum-21 in St. Petersburg

The 4th international conference "**Aluminium-21/EXTRUSION**" took place in St Petersburg from June 26th – 28th, 2012 with Messrs Alfort and Mader representing the GSB. On behalf of the GSB Mr Mader delivered a lecture on Chromium free surface pre-treatments of Aluminum communicating the latest technical developments. This was extremely well received and served to demonstrate that driven by REACH, Europe is set to experience profound technological changes in the pretreatment of Aluminum over the coming years.

The GSB also took the opportunity of intensifying existing contacts throughout Russian markets aimed at introducing the quality label to a wider audience.

8. New Members

We are delighted to welcome the following companies as new members:

KUGEL-BÄR GmbH,
61138 Niederdorfelden,
Germany
www.pulver-baer.de
Master-Coater



MEWO Pulverbeschichtung GmbH,
A-8605 Kapfenberg,
Austria
www.mewo.at
Standard-Coater



Alcor 9 Ltd., 1592 Sofia,
Bulgaria
www.alcor9.com
Standard-Coater



AIR COLOR Dresden GmbH,
01108 Dresden,
Germany
www.aircolor-dresden.de



Paint-Styling AG,
CH-6383 Dallenwil,
Switzerland
www.paintstyling.ch



The following companies have applied for membership:

EMP Pulverbeschichtung GmbH,
17438 Wolgast / Germany
www.emp-pulverbeschichtung.de

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

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

Sponsored members:

Atlas Material Testing Technologies (AMETEK),
63589 Linsengericht / Germany
www.atlas-mts.com

Atlas Material Testing Technologies has taken over operational activities from Pausch Messtechnik GmbH, Haan / Germany.

9. GSB Training Courses 2012

GSB Training Course May 07th / 08th, 2012

The first training course took place at the FEM in Schwäbisch Gmünd focusing on surface pre treatment.

All 24 delegates completed a theory and practical module acquiring essential practical knowledge on the following subjects:

- Controlling pre treatment processes using titration
- Characterising conversion layers through photometric application
- Gravimetric assessment of corrosive erosion and conversion layer weight
- Surface analysis using an electronic screen microscope

GSB Training Course October 16th / 17th, 2012

Preparations for the next training course are already under way. This will take place at Magdeburg focusing on lacquers and coatings incorporating mainly practical tests in small groups to cover the following subjects:

Technical Application Tests:

- Determining the level of application effect /influence
- Comparing different Corona application techniques
- Influence of spray stream and tension

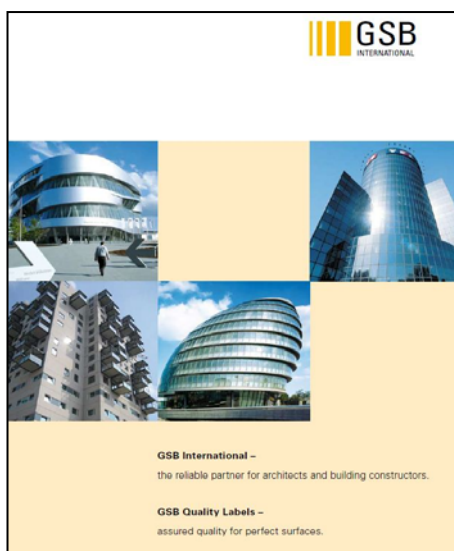
Technical Evaluation Tests:

- Measuring colour
- Determining characteristic mechanical values of powder-coated construction piecework

Further details will be available shortly.

10. GSB Image Brochure: PR Opportunities for Members

As reported in GSB-News 3/10, the new GSB Image Brochure (available in either German or English) was presented at the ALUMINIUM 2010 event at Essen. Copies have been posted to all GSB Members. Upon request, 10 further copies will be sent to every member free of charge – after that any additional copies will carry a nominal charge of 2.50 Euros inclusive of VAT. On the outside back cover of the brochure is a designated space to accommodate individual company logos / stamps which will make the brochure a valuable advertising tool.



11. Banner Advertising and Reference Imagery on the GSB-Website

Depending on availability there are opportunities for members to advertise on the GSB-Website. All we require is your logo in JPEG format.

The costs for a three months advertising window are € 150.00.

12. GSB Dates and Events

September 19th / 20th, 2012

Info Event hosted by the GSB and IQC Salzburg

September 26th / 27th, 2012

Meeting of the Technical Commission Aluminum Köln-Porz, Germany

September 27th, 2012

Meeting of the Technical Commission Steel Köln-Porz, Germany

October 09th, 2012

Board Meeting in Düsseldorf, Germany

December 05th / 06th, 2012

Information Meeting of the GSB and IQC in Athens, Greece

13. Aluminium 2012 – Exhibition Düsseldorf

Competence Centre Surface Technology

October 09th – 11th, 2012

ALUMINIUM 2012

Competence Centre Surface Technology

Exhibition Düsseldorf

www.aluminium-messe.com

In October 2012, the entire competency in market for surface treatment and refinement together with associated technologies will join forces at the world leading ALUMINIUM 2012 Exhibition in the Competence Centre Surface Technology.

This will be one of the highlights in the industrial calendar and has been brought to life by the GSB International in co-operation with the VOA and Reed Exhibitions Deutschland GmbH, and is specifically aimed at providing a highly attractive and informative platform for all visitors to Hall 13 at the ALUMINIUM 2012 event.

Alongside the presentations by exhibitors from the surface sector, affiliated associations will put together a hands on oriented lecture program, which will provide an added attraction to visitors.

We would encourage all members to make the most of this superb initiative and grasp this exclusive opportunity of presenting their company to the 25,000 visitors expected.

For further information contact:

Mrs. Hilke Dahinten:
hilke.dahinten@reedexpo.de

Mrs. Jessica Kristian:
jessica.kristian@reedexpo.de

14. Events

September 13th, 2012

GDA-Seminar
Aluminium-Strangpress-Profiltechnik,
Düsseldorf
www.aluinfo.de

November 08th, 2012

GDA-Seminar
Aluminium – Understandable!
Clausthal-Zellerfeld, Germany
www.aluinfo.de

November 09th, 2012

GDA-Seminar
Aluminium Alloys - Understandable!
Clausthal-Zellerfeld, Germany
www.aluinfo.de

November 28th / 29th, 2012

GDA-Seminar
Surface treatment of Aluminium
Düsseldorf, Germany
www.aluinfo.de

15. Miscellaneous

Review of the Homepage

The homepage of the GSB is currently being revised and adapted to the state of the art.

16. Newly Licensed Coating Materials / Colours

Aluminium Sector			
Company	Product	License No	License Type
IGP / Switzerland	IGP-DURA® face 5609	173 j	Standard
ST Powder Coatings / Germany	Series HP-80	215 h	Standard
Inver / Italy	Inverpul PE/P/Q BT	152 l	Standard
Frei Lacke / Germany	FREIOTHERM-Pulverlack, Fassade PF100xxxxxx	141 c	Standard

17. Withdrawn and Suspended Coating Materials / Colours

Withdrawn / Suspended Systems - Aluminum Sector - FROM JANUARY 2012				
Company	Product	License No	Withdrawn	Suspended
Akzo Nobel Powder Coatings	Vedoc Bonaflex	106 f	X	
	Vedoc Bonalux 2000	106 g	X	
	TGIC free Polyester Bonalux	111 b	X	
	Serie 09 Polyester system TGIC free	134 g	X	
	Serie 29 Polyester TGIC free	134 i	X	
DuPont Powder Coatings	Alesta AP AF Gloss	102 m	X	

18. Withdrawn and Suspended Systems / Colours

Withdrawn/Suspended Systems – Aluminum Sector				
Company	Product	Lisence No	Withdrawn	Suspended
Adapta / Spain	Adapta Vivendi Matt	260 d		X
Akzo Nobel Boya / Turkey	Interpon D 3000	180 a		X
Akzo Nobel Powder Coatings	Interpon D 1094 HR	108 h	X	
	Interpon D 1094 Satin	108 q	X	
	Interpon D 1094 Matt	185 a	X	
Frei Lacke / Germany	PR 1004xxxxxx	141 b	X	
Ganzlin / Germany	AR-MA	138 c	X	
IGP / Switzerland	IGP-DURAface 5809	109 q	X from lot 1123407	
Jotun / Norway	PE-F Series 2497/2498	110 p	X	
Ripol / Italy	Serie 52 L	157 c		X

Pulver Kimya / Turkey	Pulver 08 Semi Gloss Pulver 08 Glossy Series	247 b 247 a		X X
Akzo Nobel Powder Coatings / Great Britain	Interpon D 3000 - PREMIUM -	180 a		NCS7030 R70 B (2008)
Akzo Nobel Powder Coatings	Interpon D2525 TF Gloss - MASTER -	183 a		RAL 5007 (2011) RAL 8001 (2011)
Arsonsisi / Italy	Y 54 matt	179 c		RAL 6029 (2011)
Bergolin / Germany	Superdur AC Glanz 80	103 c	Special „Yellow Green“ (2010)	
Bubenhofer AG / Switzerland	Polyflex PES-135 GL, Tribo,	115 i		RAL 6021 (2004)
CWS / Germany	Cewepol-Architektur Pow- der Lacquer T	149 a		RAL 8017 (2006) RAL 2004 (2007) RAL 3022 (2011)
DuPont / Sweden	Alesta SD SDE gloss - Premium -	163 e		RAL 6005 (2007)
Flycoat / Italy	PT1LM29	224 a		RAL 8014 (2008) RAL 2001 (2011)
	PT4LM29	224 b		RAL 2011 (2011)
Ganzlin / Germany	Ganzlin FA-SG4x2	138 e		RAL 6011 (2010) RAL 7016 (2011)
Monopol / Switzerland	Vernidur AC Vernicron FP L453	112 b 112 d	X X	
PPG / Italien, Poland	Series P 411	132 b		RAL 8007 (2006) RAL 2025 (2009)
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, Italy, Spain (Akzo Nobel Powder Coatings)	Bonalux Extreme Weatherproof	176 a		RAL 6017 (2009)
ST Powder / Italy	Series P-G 80 Series MST 80 – MAS- TER -	215 c 215 g		RAL 6005 (2009) RAL 1033 (2010)
Teknos Oy / Finland	Infralit PE 8950	146 d		RAL 5024 (2009)
Tiger Coatings / Austria	Tiger Drylac Series 29 matt	107 i	90089 Eloxalsilver 90289 Stain- less Steel matt	
	Tiger Drylac Series 29 matt	107 i	90003 Silver matt 90224 Silver matt	
	Tiger Drylac Series 29 gl. Tiger Drylac Series 29 sdgl.	107 m 107 q	90230 90096	
	Tiger Drylac Series 29 fine texture	174 b	90316	
Valspar / Great Britain	Syntha Pulvin Plus Matt / Synthatec Plus Matt	129 c		RAL 7021 (2010)

The following colours are temporarily suspended pending Florida Test Results – Aluminum Sector			
Company	Product	License No	Colour
Akzo / Germany	Interpon D 2525 SD	176 d	RAL 9007
Valspar Powder Coatings / GB	Synthatec Gloss / Omega Gloss	129 b	RAL 5010 RAL 9016
Valspar Powder Coatings / GB	Omega Polyester Matt	129 d	RAL 9005
Valspar Powder Coatings / GB	Syntha Pulvin Plus Matt / Synthatec Plus Matt	129 c	RAL 7011
Jotun / Czech Republic and Norway	Corro-Coat PE-F Series 2403	168 a	RAL 9010
Jotun / Czech Republic	Corro-Coat PE-F Series 2197 / 2198	110 o	RAL 9010 RAL 7035
Neokem / Greece	Neotec PP 101	148 a	RAL 8001
Oxyplast / Belgium	Oxyplast PE 50	140 b	RAL 3009 RAL 8016

Withdrawn / Suspended Colours – Steel Sector				
Company	Product	Lisene No	Withdrawn	Suspended
DuPont / Germany	Alesta AE80XX-XXXXXXX und Alesta EE70XXXX- XXXXX = double layer blue	908 c		RAL 7004 (2007)
Oxyplast / Belgium	PE 64	910 a		X

The above listed material systems, colours and pretreatments are no longer licensed for use as GSB approved coatings.

The above list supersedes the information published in the GSB News 01/2012, which is no longer valid.

Details of all Members and listings of all licensed systems are continually updated and can be downloaded via our website www.gsb-international.de. To ensure that you have the most up to date information, we recommend visiting our website regularly.