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**1. Harald Knufinke celebrates his 85<sup>th</sup> birthday**



Our honorary chairman Harald Knufinke has celebrated his 85<sup>th</sup> birthday in February. For this we congratulate him warmly and wish him above all health, happiness and lots of positive energy to continue to enrich us with his contributions and his commitment.



Hans-Jürgen Alfort  
Chairman of the Board



Werner Mader  
General Manager

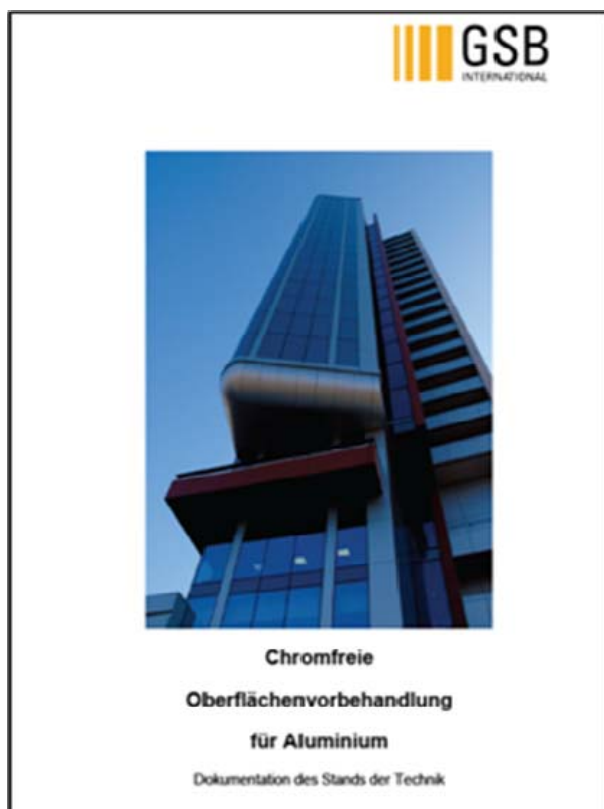
**2. Chrome free surface pre-treatment for aluminium – State of the art**

The GSB International has published at the end of 2011 a brochure on this topic. The background is, that end of 2010 the ECHA has added chromium (VI) oxide and other chromium (VI)-containing compounds to the list of substances of very high concern (SVHC list), since they are carcinogenic and mutagenic. This raises very closely the question of the future of the chromating as pretreatment of aluminum in the construction area. However, these problems are known since the 1990s in the affected industrial branches.

The GSB International has positioned itself more than 15 years ago of this challenge and has intensely dealt with the introduction and licensing of chrome free pre-treatment procedures.

In close cooperation with pre-treatment chemical manufacturers and coating companies, licensing procedures for alternative systems were developed and then accepted in the quality regulations.

For the first time the licensing of chrome free pre-treatment procedures took place in 1994, so that the member's companies can certainly serve furthermore their markets with alternative procedures at a high high-class level.



The present documentation describes the development and the state of the technology of the surface pre-treatment procedures in the area of piece coating of aluminium in the architecture. It also contains an insight into other markets and processes, like the tape coating, which are occupied with comparable regulations.

At the moment the brochure is available only in German.

It can be obtained for a price of 13.00 € incl. VAT at the head office.

### 3. From the work of the Technical Commission

- **Rest potential analysis**

The rest potential analysis is a method for bath supervision of surface pre-treatment. It allows, already after relatively short time (within 24 H), to see that bad results are expected after the acetic acid salt spray test (AASS) and the filiform corrosion test (FFC).

Some coaters and pre-treatment manufacturers use this procedure already for many years successfully.

In parallel with the training course in Magdeburg in autumn this year, this method shall be introduced on an information event.

- **Incomplete test reports**

By the evaluation of the coater tests it is lately found out increasingly, that reports are not entire if they should be evaluated and discussed within the Technical Commission. Therefore the board of directors has made the following decision:

If such the unacceptable test report is given, the test institute is written up to supply the missing data within 14 days or to repeat the test at own expenses.

### 4. Sustainable construction - building certification of the DGNB Evaluation of the surface pre-treatment

In the present criterion warrant of apprehension – risks for the local environment – it was not differentiated up to now unambiguously between the chrome (III)-containing and chrome (VI)-containing surface pre-treatment. Also the evaluation of these procedures was not unequivocal. Therefore GDA and GSB have contacted the DGNB. The DGNB has clarified this point now as follows:

- The application of chrome (III) is defeated by no more restrictions. Therefore it is equivalent to chrome free and the full score of 10 points is possible with the certification.
- By the application of chrome (VI) the target of the full score is not possible, with the exception, the aluminium application has a lower interest than 50 % in the building envelope.

### 5. Membership development

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

KUGEL-BÄR GmbH,  
61138 Niederdorfelden / Germany  
www.pulver-baer.de  
Master Coater Lic.. no. 269

MEWO Pulverbeschichtung GmbH,  
A-8605 Kapfenberg / Austria  
www.mewo.at  
Standard Coater Lic. no. 270

Alcor 9 Ltd.,1592 Sofia / Bulgaria  
www.alcor9.com  
Standard Coater Lic. no. 268

**The following companies have filed an application for admission as a GSB coater:**

AIR COLOR Dresden GmbH,  
01108 Dresden / Germany  
www.aircolor-dresden.de Lic. no. 267

Paint-Styling AG,  
CH-6383 Dallenwil / Switzerland  
www.paintstyling.ch Lic. no. Nr. 271

EMP Pulverbeschichtung GmbH,  
17438 Wolgast / Germany  
www.emp-pulverbeschichtung.de  
Lic. no. 272

**Passive member:**

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

The company Atlas Material Testing Technologies has been taken over the activities of the company Pausch Messtechnik GmbH, Haan / Germany.

## 6. GSB training courses 2012

For **2012** two courses are planned again with the following dates:

May 07<sup>th</sup> / 08<sup>th</sup>, 2012 – Schwäbisch Gmünd  
Focus on surface pre-treatment.

**Here are a few places remaining, please subscribe if not done yet!**

October 16<sup>th</sup> / 17<sup>th</sup>, 2012 – Magdeburg  
Focus on varnish and coating materials.

We will inform you in time about the program for Magdeburg.

## 7. GSB image brochure: Advertising opportunity for member companies

The new GSB image brochure (in German and in English available) was presented, as reported in the GSB news 3/10, on the ALUMINIUM 2010 in Essen. Every GSB member has received a specimen by mail. If requested we send to you with pleasure up to 10 other specimens free of charge. For every other desired specimen we have to charge to you a cost contribution of 2.5 0€ incl. VAT. On the back side an area for company stamps is planned, so that you can use the brochure for advertising purposes.

## 8. Banner advertising and reference photos on the GSB Website

Based on the capacity our members have the possibility to advertise on the GSB homepage. Therefore we need simply your logo as a JPEG file. The cost will be € 150.00 for 3 months.

## 9. General Meeting 2013 in Vienna / Austria

From May 02<sup>nd</sup> – May 04<sup>th</sup>, 2013 the GSB General Meeting takes place in Vienna.

Please reserve already today this date. We will inform you in time about the details.

## 10. GSB dates and events

**May 22<sup>nd</sup> / 23<sup>rd</sup>, 2012**

Board Meeting in Düsseldorf / Germany

**June 25<sup>th</sup> / 26<sup>th</sup>, 2012**

Meeting of the Technical Commission Aluminium in Düsseldorf / Germany

**September 19<sup>th</sup> / 20<sup>th</sup>, 2012**

Information event of GSB and IQC  
Salzburg / Austria

**September 27<sup>th</sup>, 2012**

Meeting of the Technical Commission Steel in Düsseldorf / Germany

## 11. Aluminium 2012 – Fair Düsseldorf

**Competence Centre Surface Technology**

**October 09<sup>th</sup> – 11<sup>th</sup>, 2012**

**ALUMINIUM 2012**

**Competence Centre Surface Technology**

Fair Düsseldorf

www.aluminium-messe.com

In October 2012 combines the world's leading fair ALUMINIUM in Düsseldorf for the first time the full competence of the surface treatment and finishing as well as the associated technologies in the Competence Centre Surface Technology

This highlight has been jointly initiated by the GSB, the VOA and Reed Exhibitions Germany GmbH, to give visitors a central and highly attractive platform to provide information in hall 13 of the ALUMINIUM fair. In addition to the presentation of exhibitors from the sector surface, a program of lectures with practically orientated lectures is compiled by the societies, which will be a further distinctive attraction for visitors.

Take advantage of our initiative and utilize this exclusive trade fair to showcase your company to the expected 25,000 visitors.

Further information:

Mrs. Hilke Dahinten:  
[hilke.dahinten@reedexpo.de](mailto:hilke.dahinten@reedexpo.de)

Mrs. Jessica Kristian:  
[jessica.kristian@reedexpo.de](mailto:jessica.kristian@reedexpo.de)

## 12. Events

### September 13<sup>th</sup>, 2012

GDA workshop  
 Aluminium extruder profile technology,  
 Düsseldorf / Germany  
[www.aluinfo.de](http://www.aluinfo.de)

### November 09th, 2012

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

## 13. Newly approved coating materials / colours

Aluminium sector			
Company	Product	Lic. no.	Lic. category
IGP / Switzerland	IGP-DURA® face 5609	173 j	Standard
ST Powder Coatings / Germany	Serie HP-80	215 h	Standard

## 14. Withdrawn / disabled coating materials / colours

Withdrawn / disabled systems – Aluminium sector - AS OF JANUARY 2012				
Company	Product	Lic. no.	withdrawn	disabled
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	134 g	X	
	TGIC free Serie 29 Polyester TGIC free	134 i	X	
DuPont Powder Coatings	Alesta AP AF Gloss	102 m	X	

## 15. Withdrawn / disabled systems / colours

Withdrawn / disabled systems – Aluminium sector				
Company	Product	Lic. no.	withdrawn	disabled
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	
DuPont / France	Alesta AP & Teodur AE Extra Matt	171 f		X
Frei Lacke / Germany	PR 1004xxxxxx	141 b	X	
Ganzlin / Germany	AR-MA	138 c	X	
IGP / Switzerland	IGP-DURAFace 5809	109 q	X ab Los-Nr. 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 / GB	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	Sonderton „Gelbgrün“ (2010)	
Bubenhofer AG / Switzerland	Polyflex PES-135 GL, Tribo,	115 i		RAL 6021 (2004)
CWS / Germany	Cewepol-Architektur Pulver- lack 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)
PPG / Italy, 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 hochwetterfest	176 a		RAL 6017 (2009)
ST Powder / Italy	Series P-G 80 Series MST 80 – MASTER -	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 Serie 29 matt	107 i	90089 Eloxalsilber	
	Tiger Drylac Serie 29 matt	107 i	90289 Edel- stahl matt	
	Tiger Drylac Serie 29 gl.	107 m	90003 Silber matt	
	Tiger Drylac Serie 29 sdgl.	107 q	90224 Silber matt	
	Tiger Drylac Serie 29 Fein- struktur	174 b	90230 90096 90316	
Valspar / GB	Syntha Pulvin Plus Matt / Synthatec Plus Matt	129 c		RAL 7021 (2010)

<b>Pending Florida results, the following colours are temporarily suspended – Aluminum sector</b>			
<b>Company</b>	<b>Product</b>	<b>Lic. no.</b>	<b>Colour</b>
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

<b>Disabled / withdrawn colours – Steel sector</b>				
<b>Company</b>	<b>Product</b>	<b>Lic. no.</b>	<b>Withdrawn</b>	<b>Disabled</b>
DuPont / Germany	Alesta AE80XX-XXXXXXX und Alesta EE70XXXX- XXXXX = Zweischichtaufbau	908 c		RAL 7004 (2007)
Oxyplast / Belgium	PE 64	910 a		X

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

**The above list supersedes the information published in the GSB News 4/2011, 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](http://www.gsb-international.de).

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