
VACUUM INSULATION PANEL



GLOBAL ASSOCIATION

Annual Report of VIPA International Activities



September 2016 – September 2017

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1. Foreword

Dear VIPA International member,

It will be a pleasure to welcome you to our third General Assembly in Paris, France. This year's General Assembly takes place the day before IVIS 2017, the most important event for the VIP industry. We are happy to support the event as sponsor: IVIS will be an important opportunity to promote VIPs, discuss R&D to improve their technical performances, and promote the association among manufacturers, suppliers and users. VIPA will participate to IVIS with a stand in the exhibition area, and I will present the activities of the association during the IVIS opening session. VIPA presented an application to organise IVIS 2019, and we are looking forward to the decision of the Scientific Committee in this sense.



In 2016 we also approved a change in the structure of the association, with the creation of the Asian Working Group. This change, together with the translation of the website in Chinese Mandarin and the cooperation ongoing with the standardisation committees in China and at ISO level, demonstrate that VIPA is a truly global association, with a strong interest for Asian affairs.

The new membership structure of VIPA International allows also companies with an interest in the VIP market to join the association as associate members, to expand the knowledge base of the association and ensure that also the point of view of other companies is represented. We welcomed this year two new associate members, and the continuous growth of the membership base remains among our key objectives.

We can be glad with the activities carried out this year, in an ideal continuation of what VIPA achieved in 2016: in particular, the agreement with the GSH for the use of the VIP RAL Quality Label is a very positive achievement for VIPA, in line with our objective of ensuring high quality products in the market. Seven members of VIPA joined GSH to shape the rules of the label, extending it to all VIP applications and core materials as well as to suppliers of vacuum insulation panels, and we hope that more join in the next months.

The standardisation process is progressing worldwide, and VIPA will keep working with other stakeholders to ensure harmonisation between different standards. In Europe, the approval process of the standard drafted by the CEN TC 88 WG 11 will be hopefully finalised by the end of the year, after the vote of the national committees. VIPA International contributed to the work of the CEN through its members and in its capacity of liaison organisation to CEN. VIPA will also provide its support to the Chinese standardisation committee and the ISO standardisation committee, which have started their work to develop a VIP standard.

Two technical studies were finalised in 2017 to improve knowledge on VIPs and support the standardisation process. The final reports of the studies on lift-off pressure measurement and on measuring effect of moisture content on thermal conductivity are now available for the members of VIPA. The technical Working Group is already reviewing proposals for new studies to be financed in the next months.

The Public Affairs and Communications Working Group monitored the regulatory evolutions in Europe, USA and Asia. VIPA focused its attention on the European Union proposal on energy efficiency and energy labelling, which will have an impact on the energy performance of buildings and appliances. VIPA also published several press releases and case studies to improve the visibility of the association.

I hope you find this publication a helpful outline of VIPA International's activities and I look forward to meeting you in Paris.

Gregor Erbenich,
President of VIPA International,
Head of Sales & Marketing, Porextherm

2. 2016-2017 activities of VIPA International

2.1 RAL VIP label: a label to attest the quality of VIPs



Following the agreement signed during the second General Assembly of VIPA International in Barcelona with the German Association of Manufacturers of Insulation Materials Güteschutzgemeinschaft Hartschaum (GSH) for the use of the RAL quality assurance label for VIPs, VIPA members can become members of the GSH without paying the GSH membership fee. VIPA International's mission statement adopted when the association was created in 2014 stated the commitment to promote and raise the quality of the VIP industry. The label is an important tool for the manufacturers of vacuum insulation panels to demonstrate the quality of their products and increase the trust and confidence on the product among architects, installers and consumers.

The GSH VIP members worked to review the quality assessment rules of the label (document RAL-GZ 960). The objective is to go beyond the existing rules, integrate the decisions taken by the CEN TC 88 WG 11, and extend the label to cover all core materials (fumed silica, glass fiber, powders, foams) and different VIP applications. During the latest meeting of the GSH VIP Group (13 July in Frankfurt), the GSH voted the revision of the GZ-960 document to extend the label to water tanks, refrigerators, appliances and temperature-controlled boxes.

VIPA members interested in joining the GSH to shape the rules of the label, or interested in applying for the label, should contact the VIPA secretariat. To obtain the right to use the label, an application for the initial type test will have to be made to the GSH. The requisites for being awarded and allowed to carry the quality mark are that the initial type tests have been passed and an initial inspection of factory production control (FPC) has been carried by the GSH, to make sure that the product comply with the quality and testing regulations established by the GSH. The costs for the inspection and the product tests have to be paid by the users. Additionally, the users of the RAL quality mark will be charged EUR 150 per year for each award.

2.2 Statistics

In Barcelona, the Board of VIPA International begun a discussion on the possibility of gathering market statistics, including for instance total production of panels and total dimensions of the VIP market. Gathering market statistics and give insights on the market dimensions would be for sure an important added value for the members, also considering that the data currently available on the VIP market are often not reliable. However, VIPA is in full compliance with competition rules and is aware of the boundaries of data collection. To be representative of the market, it will be important that most companies active in this market participate to this exercise. Therefore, to start this exercise and ensure that the data collected is a correct representation of the market, VIPA International will work to expand its membership and make sure that more companies are able to participate to the data collection.

2.3 Technical studies

Two technical studies commissioned in 2016 were completed this year to support the standardisation process of VIPs and improve knowledge on vacuum insulation panels:

- Develop an advanced technique for measuring the effect of moisture content on the thermal conductivity of VIPs (Avery Dennison Hanita)
- Project on the calibration of the lift-off technique for measuring the internal pressure of fumed silica VIPs (FIW and Avery Dennison Hanita).

The Working Group asked for an extension of the two projects. In the case of the study on moisture content, the objective is to better understand the relation between the microscopic characteristics (porous size, surface area, core material used, etc.) of the fumed silica powder and its response to the absorbed moisture. Regarding the study on the lift-off technique, the extension should find a more accurate method to test the delta lambda values. Other studies might be financed in the coming months. Additional details on the studies completed in 2017 are available below:

Develop an advanced technique for measuring the effect of moisture content on the thermal conductivity of VIPs	
Awarded to: Avery Dennison Hanita Coatings, Kibbutz Hanita, Israel	
Started in: April 2016	Total cost: EUR 25,000
Finalised in: May 2017	

Summary

1. A very accurate and easy to operate technique was developed for measuring the dependency of the thermal conductivity of fumed silica cores on absorbed water content.
2. This new technique, which is based on the VIP system, is very cheap and can be easily adopted by any research or industrial laboratory.
3. By using the newly developed technique to investigate the response to the absorbed moisture of three fumed silica cores, it was found that each has a very different dependence of thermal conductivity to the absorbed moisture content. In addition, the time taken to reach steady-state for each data point differed for each core, from a few hours to up to a week.
4. To minimize the time required to reach steady-state distribution of the moisture content, it is highly recommended to keep the panel between the plates of the λ machine for the entire test and to keep both temperatures constant.
5. For all three investigated fumed silica cores the slope $d\lambda/d(\% \text{water content})$ was much steeper at low levels of water content, and more moderate at higher levels of water content.
6. The initial slopes, the turning points and the final slopes were all different for each of the three cores.
7. In view of the results of this short research, it is worth reviewing the assumption that all fumed silica cores respond identically to the percent of moisture content, as made in the CEN and the ISO standard draft documents for VIPs in building.
8. The system developed in this project can also be used to simply and accurately determine the absorption capacity of desiccants, as well as to measure the equilibrium water vapor pressure as a function of the absorption percent.

Calibration of the lift-off technique for measuring the internal pressure of fumed silica VIPs and determination of boundary conditions for the lift-off measurements and processing of measurement raw data

Awarded to: Forschungsinstitut für Wärmeschutz e.V. (FIW), München, Germany and Avery Dennison Hanita Coatings, Kibbutz Hanita, Israel

Started in: May 2016

Finalised in: June 2017

Total cost: EUR 25,000

Summary

The foil lift-off technique is an adequate method to determine the internal pressure of VIP. The implementation of the developed boundary conditions on the bearing situation of the panels and the data logging leads to unproblematic data processing. A quadratic shaped profile to restrict the measurement area is applicable for all panel dimensions and types of foil. Also the positioning of the laser distance sensors is clearly defined by the center of this profile.

For data analysis both tangent and triangle method are suitable. The examination of real test data has shown that the triangle method seems to be more robust to different test data pattern that can be observed due to specific behavior of the recorded foil displacement that can be influenced by overlying movements of the panel due to the specific bearing situation or if the observed foil area is not undisturbed, e.g. in the case of kinks or a welding zone inside the measurement zone.

The examination of artificial test data has shown that the tangent method is sensitive to spreading of the test data, geometrical shape of the clipped test data sequence and the sampling rate. With regard to an optimum and robust fit quality of the tangents an adequate threshold value of q , an isosceles triangle shaped test data sequence and a sampling rate that is tuned to the evacuation rate of the vacuum pump is necessary. In case of an individual test setup (bearing situation), spreading of test data (accuracy of test equipment and individual foil lift off behavior) it is not possible to conclude general recommendations to balance the listed parameters.

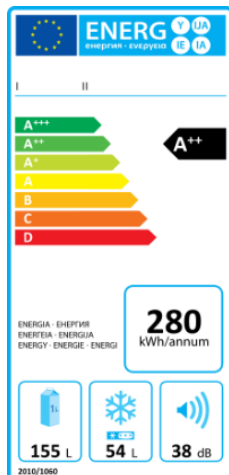
The currently used measurement setup for the validation of the foil lift-off technique does not lead to generally applicable rules how to further process and average the results. It turned out that measurements straight after manufacturing or rather evacuation do not measure the real internal pressure. A certain time of at least 24 hours is necessary to reach pressure equilibrium and only then pressure measurements are to be performed. Because of the increase in volume while conducting a lift-off measurement the results gained through the foil lift-off are lower than the internal pressure before or after the running measurement. Depending on the pressure level, the deviation of the pressure in the range between 1 mbar and 5 mbar is quite small. Larger internal pressure leads to a higher absolute pressure drop.

2.4 Public affairs activities

The Public Affairs and Communications Working Group focused its attention this year on two proposals of the European Commission of relevance for the VIP industry. The Commission presented a new proposal to reform the European energy sector, titled "Clean Energy for All Europeans - unlocking Europe's growth potential". The proposal includes the revision of the Energy Efficiency Directive (EED) and the Energy Performance of Buildings Directive (EPBD). The Commission proposed also a new Energy Labelling Regulation, which will have an impact on the labelling of home appliances, including refrigerators. The WG published several press releases to comment on these initiatives.

The **Clean Energy package** is a key initiative for the energy sector of the European Union and for the VIP industry. The EED and the EPBD will set the energy efficiency targets for the next decade, and might include measures to stimulate deep renovation, facilitate access to financing and set up the general priorities of the European Union in the building sector. Already in 2016 VIPA International participated to the preparatory process of the initiative, replying to the public consultations on the two key directives and organising a meeting with the Directorate-General for Energy of the European Commission to present our policy suggestions. VIPA International recommended the adoption of ambitious measures to improve the energy efficiency of buildings in Europe.

Following the proposal of the Commission, also the European Council and the European Parliament began their work on the two directives. VIPA published a [press release](#) on 3 July to express its support to the ambitious targets proposed by the European Parliament: the Parliament is proposing a binding 2030 energy efficiency target of 35%, and many members of the Parliament would like to raise it to 40%. The Parliament is also proposing to include measures to stimulate deep renovation of buildings in the long term national renovation strategies of the member states. In comparison, the proposals of the Commission and the Council¹² are much less ambitious. A first [press release](#) to comment on the initial proposal of the Commission was published already on 30 November 2016. Interestingly, the Commission also recognised that the EU market for vacuum insulation products is more advanced than other parts of the world, even if still at a nascent stage (less than 5% of the sales)³. The Parliament will vote on the draft proposals on both directives in the course of 2017. Trialogues between Council, Commission and Parliament will then start.



VIPA International followed closely the activities of the European Union on the new **Energy Labelling Regulation**, setting up a single energy labelling scale from 'A to G' to replace all existing labels for all appliances, including refrigerators. A [press release](#) was published on our website on 30 March 2017, welcoming the new proposal as an effective tool to allow consumers to take informed decisions about the most efficient products on the market.

After the publication in the Official Journal of the European Union on 28 July 2017⁴, the new regulation is now in force and will be applied in the coming years, with different calendars depending on the type of good: for white goods (including fridges), the new label can be used in shops by early 2020.

¹ Council Approach on the Proposal for a Directive amending Directive 2012/27/EU on energy efficiency, 26/6/2017 <http://data.consilium.europa.eu/doc/document/ST-10284-2017-INIT/en/pdf>

² Council Approach on the Proposal for a Directive amending Directive 2010/31/EU on the energy performance of buildings, 26/7/2017, <http://data.consilium.europa.eu/doc/document/ST-10288-2017-INIT/en/pdf>

³ Commission Staff Working Document – Evaluation of Directive 2010/31/EU on the energy performance of building, 30/11/2017, <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52016SC0408&from=EN>

⁴ Official Journal of the European Union, 28/7/2017, <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R1369&from=IT>

2.5 Communication activities

Case studies



Plus Energy House in Bottrop features VIP technology –Porextherm

VIPA International Case Study
Plus energy house in Bottrop features VIPs

The renovation of this building to achieve a net-zero energy balance (ZNE) was the goal. The goal was "Plus-energy house". A number of factors influenced the goal. Vacuum insulation panels were chosen for the insulation. Thanks to VIP, the color of the panels, with a value of 0.02, was used to create a white facade. The color of the panels, with a value of 0.02, was used to create a white facade. The color of the panels, with a value of 0.02, was used to create a white facade.

The Problem
VIPs were used to solve three major problems. In the first place, the performance insulation materials were chosen for the insulation. Thanks to VIP, the color of the panels, with a value of 0.02, was used to create a white facade. The color of the panels, with a value of 0.02, was used to create a white facade.

The Result
The renovations were able to achieve a net-zero energy balance. A considerable amount of energy was saved. The color of the panels, with a value of 0.02, was used to create a white facade. The color of the panels, with a value of 0.02, was used to create a white facade.

Case study provided by Porextherm

VIPA International Case Study
Aktivhaus B10: lean and energy-efficient construction thanks to VIP

Aktivhaus B10 is part of a research project which is investigating how innovative materials, construction methods and technologies can improve our built environment in a sustainable way. Thanks to an ingenious energy concept and forward-thinking, self-learning building controls the building creates twice its energy requirement from sustainable sources. The project is supported by the Federal Ministry for Traffic and Digital Infrastructure in Berlin. The provincial capital Stuttgart has provided the state-owned land for the realisation of the project for a period of three years. Consumption and energy production as well as all other data that is relevant to building research was measured during the entire course of the project and evaluated scientifically at the Institute for Lightweight Design and Construction (ILR) at Stuttgart University.

The Problem
The ambitious objective of producing twice its own power consumption requires highly efficient building insulation. B10 was also planned within a very short time and pre-fabricated industrially as a wooden structure before being assembled on site within one day. Some of the various construction innovations in the building are e.g. the use of the high-performance vacuum insulation panel system. The combination of the highest level of insulation and quick availability of the panels mean that all project requirements could be fulfilled. In order to achieve the best possible heat transfer coefficient the remaining areas to be insulated were filled with customised special elements. Initial and ceiling areas were filled with an insulation layer of VIPs.

The Result
The special characteristics of the VIPs used saw the 3 mm XPS lamination for the protection and further attachment of the VIPs and the quick availability. The extra robust insulation element was chosen as floor insulation. B10 uses minimal resources and is fully recyclable. The all research buildings designed by Werner Sobek. It thus fulfils the requirements of the Triple Zero Standard: the building produces more energy than it requires itself (zero energy), does not cause any emissions (zero emissions) and can be returned to the materials cycle without residues (zero waste). The building is opened to the public at regular intervals. For further information on the project go to the project website: www.aktivhaus-b10.de

Case study provided by Porextherm

Aktivhaus B10 project uses VIP technology – Porextherm

Newsletters

VIPA INTERNATIONAL
GLOBAL ASSOCIATION

QUARTERLY NEWSLETTER
SEPTEMBER 2016

VIPA INTERNATIONAL
GLOBAL ASSOCIATION

QUARTERLY NEWSLETTER
DECEMBER 2016

VIPA INTERNATIONAL
GLOBAL ASSOCIATION

QUARTERLY NEWSLETTER
JULY 2017

VIPA INTERNATIONAL
GLOBAL ASSOCIATION

QUARTERLY NEWSLETTER
SEPTEMBER 2017

Press releases published between September 2016 and September 2017

- Plus Energy House in Bottrop features VIP technology - 27 Sept 2016
- Livable space should be included as macro-objective in the JRC 'Efficient Buildings' study - 7 Oct 2016
- VIPA International reaffirms commitment to quality by signing an agreement on the usage of the RAL VIP Quality Mark - 25 Oct 2016
- VIPA International appoints new President - 18 Nov 2016
- Placing energy efficiency first and adopting more ambitious targets are

imperative to comply with Paris Agreement - 30 Nov. 2016

- VIPA International welcomes the provisional agreement on the new European Regulation on energy efficiency labelling - 30 March 2017
- Aktivhaus B10 project uses VIP technology - 10 April 2017
- VIPA International launches the Chinese Mandarin version of its website - 26 June 2017
- VIPA International calls for more ambitious energy efficiency targets - 3 July 2017

3. Finances

VIPA International Budget 2016 (EUR)		
ITEM	EUR	Actual at 31st Dec
Income		
Membership fees full members (12): 10,000 EUR	140.000	120.000
Membership fees associate members (3): 500 EUR	2.000	1.500
Carry-over from 2015 budget	53.030	53.030
TOTAL INCOME	195.030	174.530
Expenditure		
Kellen fees	94.535	94.535
Hanita & FIW joint study	12.500	12.500
FIW study 2nd installement	7.500	7.500
Hanita study	12.500	12.500
Out of pocket costs (meetings/conf calls & travel expenses)	7.000	12.367
Communications (website support, professional design, etc)	2.500	2.909
Website annual hosting fee (Alias)	400	400
Bank fees	500	249
Participation at CEN	500	525
Legal advice	5.000	2.160
GSH Quality Scheme set-up costs	5.000	-
TOTAL EXPENDITURE	147.935	145.644
RESULT	47.095	28.886

In 2016, VIPA International finished the year with 12 regular members and 3 members from Academia, amounting to a total of EUR 121.500 of membership fees revenue for the association. Fujian Supertech Sanyou Dior and Victoria University left the association and did not paid the 2016 membership fee, resulting in a reduced budget compared to what was foreseen at the beginning of the year. In addition to the membership fees revenue, the association benefited from a carry-over from the 2015 budget of EUR 53.030 resulting in a total income for 2016 of EUR 174.530.

On the side of the expenses, Kellen's fees for secretariat services amounted to EUR 94.535. VIPA International paid the second installment for the FIW study on compressive strength measurement (EUR 7.500). Two other studies were commissioned, and the first installment was paid in 2016: the Avery Dennison Hanita study on measurement of the moisture content (EUR 12.500) and the joint FIW- Avery Dennison Hanita study on lift-off technique (EUR 12.500). The second installment for these studies will be paid after their completion in 2017. Out of pocket expenses were higher than foreseen at the beginning of the year, mostly due to the costs of the meetings in Barcelona and Frankfurt which were not planned. Also the communication expenses were a bit higher than expected, due to the sponsorship of the Annex 65 meeting in Turin and the translation of the website in Chinese Mandarin. EUR 2.160 were used for legal advice related to the GSH co-operation agreement and the collection of statistics.

The total expenditure for 2016 amounted hence to EUR 145.644 resulting in a positive result of EUR 28.886 that was carried forward to the 2017 budget.

VIPA International Budget 2017 (EUR)	
ITEM	EUR
Income	
Membership fees full members (12): 10,000 EUR	120.000
Membership fees associate members (2): 5,000 EUR	10.000
Membership fees academia (3): 500 EUR	1.500
Membership fees association members: 500 EUR	-
Carry-over from 2016 budget	28.886
TOTAL INCOME	160.386
Expenditure	
Kellen fees	61.655
Technical WG studies (2nd installments of on-going studies)	25.000
IVIS 2017 sponsorship	10.000
GSH agreement annual fee	16.250
Out of pocket costs (meetings/conf calls & travel expenses)	7.000
Communications (website support, professional design, etc)	2.500
Website annual hosting fee (Alias)	480
Bank fees	200
Participation at CEN	525
Legal advice	5.000
TOTAL EXPENDITURE	128.610
RESULT	31.776

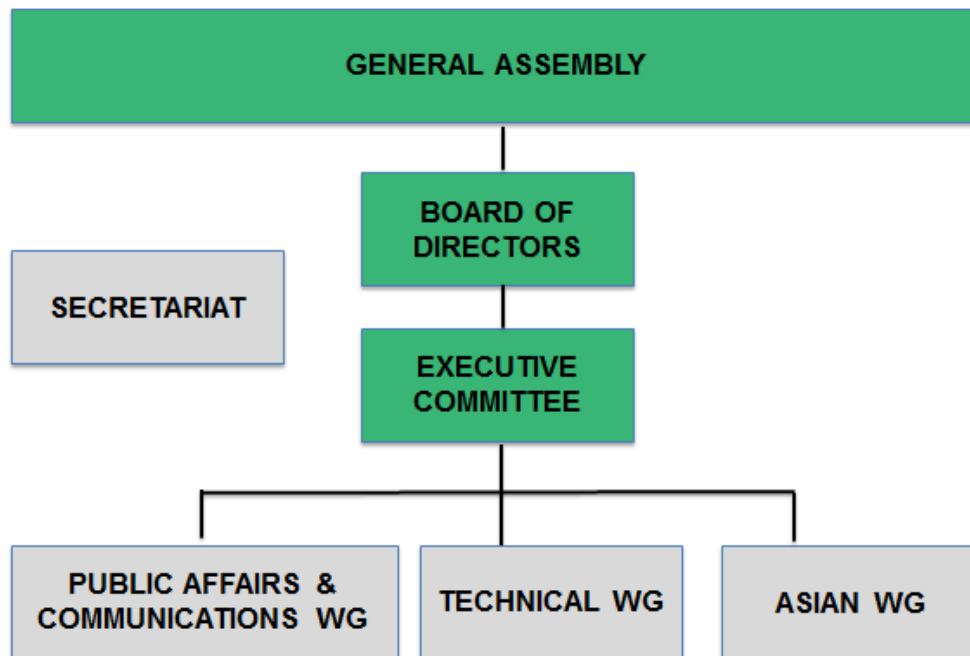
In 2017, the income of the association should amount to EUR 160.000, thanks to the membership fees of 12 regular members, 2 associate members and 3 members from Academia. Further to that, the EUR 28.886 which was not used in the 2016 financial year was added to the 2017 budget. Compared to 2016, in 2017 VIPA had a reduced income due to the resignation of two regular members. For this reason, the budget available for activities was reduced.

On the side of the expenses, Kellen fees were reduced to EUR 61.655 to cope with the reduced budget of the association. EUR 25.000 will be used to pay the second installment of the studies commissioned in 2016. In 2017, VIPA will participate to IVIS 2017 and will sponsor the event with a contribution of EUR 10.000. 7 members of VIPA joined GSH, bringing to total fee to be paid to the GSH to EUR 16.250. The remaining is divided between communications and other administrative costs.

The budgeted expenditure for 2017 will amount to EUR 128.610. The remaining EUR 31.776 have not been allocated yet and will be used by the Board as deemed necessary.

For detailed information about VIPA International's finances, please contact the secretariat or the Treasurer Vladimir Pogač.

4. Organisation chart



Board of Directors		
Scope The Board of Directors manages the business and affairs of the association. The Board of Directors is composed of all regular members of the association. Every regular member has the right to nominate one main representative to the Board as well as one substitute/deputy. Each company has one vote.		President: Gregor Erbenich 
Current composition Gregor Erbenich / Hans-Frieder Eberhardt, Porextherm Roland Caps / Insook Yoo, Va-Q-tec Oved Shapira / Yoash Carmi, Avery Dennison Hanita Vladimir Pogač, Turna Richard Burnley / Tony Scott, Kingspan Gary Chalkley, Camvac Michel Chauvois / Pascal Rousset, Rexor Uroš Cotelj, Knauf Insulation Reiner Wartusch, Evonik Qiang Liu / Xiaoyi Zhou, Fujian Super Tech Steven Heytens / Filip Verstraete / Geert Houvenaghel, Microtherm Yanqing Zhou, Hongda Suzhou Zhai Chuanwei / Zhang Tao / Miaotian Sun, Qingdao Kerui		2016/2017 Activities - Budget approval - Co-operation agreement with the GSH on the use of the RAL VIP quality label - Approval and review of the 2017 Work Plan - Discussion on IVIS 2019 - Membership outreach - Support standardisation activities
		Meetings and calls 12 October 2016 5 December 2016 11 April 2017 3 July 2017

Executive Committee

Scope

The Executive Committee prepares the meetings and conference calls of the Board and the decisions that need to be taken. It also acts as main point of contact to the secretariat when urgent decisions are needed. The Executive Committee is composed of the President, the Vice-President and the Treasurer of the association and of the secretariat staff members.

Meetings and calls

15 November 2016
27 March 2017

President:

Gregor Erbenich



Vice-President:

Oved Shapira



Treasurer:

Vladimir Pogač



Public Affairs & Communications Working Group

Scope

The Public Affairs & Communications Working Group works on recommendations to the Board of Directors on any public affairs and communication matter related to VIPs and VIPA.

Chair:

Zhai Chuanwei



Current composition

Zhai Chuanwei / Miaotian Sun, Qingdao Kerui
Gregor Erbenich, Porextherm
Roland Caps / Insook Yoo, Va-Q-tec
Gary Chalkley, Camvac
Vladimir Pogač, Turna
John Garbutt, Kingspan
Pascal Rousset / Michel Chauvois, Rexor
Alison Navon, Avery Dennison Hanita
Maja Tomazin, Knauf Insulation
Reiner Wartusch, Evonik

2016/2017 Activities

- Press releases on Clean Energy Package
- Press release on Energy Labelling Regulation
- Monitor of relevant legislative updates in EU, China and Japan
- Website translated into Chinese Mandarin
- 2 new case studies published
- 3 internal newsletter released
- New promotional material (roll-up banner, flyers)
- Participation to IVIS 2017 in Paris

Meetings and calls

4 October 2016
13 June 2017
1 September 2017

Technical Working Group

Scope

The Technical Working Group works on recommendations to the Board of Directors on any technical matter related to VIPs.

Chair:

Yoash Carmi



Current composition

Yoash Carmi / Liat Suari, Avery Dennison Hanita
Roland Caps / Markus Arntzen, Va-Q-tec
Christoph Sprengard, FIW
Estelle Perrin, Rexor
Hans-Frieder Eberhardt, Porextherm
Justin Davies, Kingspan
Marko Meglič, Knauf Insulation
Matthias Geisler / Gabriele Gärtner, Evonik
Pascal Rousset, Rexor
Miaotian Sun / Zhang Tao, Qingdao Kerui
Joerg Stelzer, BSHG

2016/2017 Activities

- Review proposals for new studies and advise the Board on their acceptance
- Review the technical aspects of RAL VIP quality label (RAL-GZ960)
- Monitor progress on the studies financed by VIPA
- Monitor standardisation process worldwide

Meetings and calls

27 October 2016
6 February 2017
15 May 2017
9 August 2017

Asian Working Group

Scope

The Asian Working Group works on issues of interest to member companies in Asia and makes recommendations to the Board of Directors on eventual actions that could be taken by the association.

Current composition

Gary Chalkley, Camvac
Gregor Erbenich, Porextherm
Jun-Tae Kim, Kongju University
Miaotian Sun / Zhang Tao, Qingdao Kerui
Patrick Lim / Yoash Carmi, Avery Dennison Hanita
Yanqing Zhou, Hongda
Zhaofeng Chen, NUAA
Richard Burnley, Kingspan
Gregor Erbenich, Porextherm

2016/2017 Activities

- Approval of the Terms of Reference
- Monitoring and contribution to the standardisation process in China

Meetings and calls

9 December 2016
21 August 2017

5. Membership (September 2017)

Regular Members



Associate members



Academia



Membership categories and criteria

	Criteria	Membership fee	Rights and benefits
Regular members	Manufacturer: companies that make and market VIPs. Material Supplier: companies supplying components and raw materials to make VIP panels or VIP materials (and which will be used in the final product) such as films, core. Equipment supplier: companies that provide equipment to produce VIP panels or VIP materials.	EUR 10,000	Influence the Association's strategy and positions: regular members have a seat at the Board Participate at the VIPA International Working Groups to move issues forward Gain access to industry and customers specific resources, guides and updates Share knowledge, expertise and best practices
Associate members	Companies with an interest in the VIP industry which do not fall in the previous categories.	EUR 5,000	Grow the market for VIPs Network with peer high level representatives from the VIP industry
Academia	Institutes, laboratories and universities with an interest in the VIP industry.	EUR 500	Have a common voice in the decision-making process in Europe, China and USA
Associations	Not-for-profit associations with an interest in VIP industry.	EUR 500	Free access to the RAL quality assurance label for VIPs

Interested in joining VIPA International? Contact the
Secretariat at:

VIPA International Secretariat		
VIPA International secretariat is run by Kellen (http://kellencompany.com), an association management company based in Brussels.		
Executive Director: Raquel Ponte Costa 	Policy Officer: Francesco Gattiglio 	Managing Assistant: Bénédicte Lambert 
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VACUUM INSULATION PANEL



GLOBAL ASSOCIATION

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