
VACUUM INSULATION PANEL



GLOBAL ASSOCIATION

VIPA International 2018 Conference

**‘More space and saving energy with
Vacuum Insulation Panels’**



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More space and saving energy with Vacuum Insulation Panels

Gregor Erbenich, Porextherm
President of VIPA International

Vienna, Austria - 27 September 2018

**Welcome to the first
VIPA International conference!**

Promotional video VIPA International



VIPA International - What do we stand for?



Our mission statement:

To act as the global voice of the Vacuum Insulation Panel industry, promote quality and raise awareness of the potential to save space and energy costs and to reduce carbon dioxide emissions in a wide range of applications and industries

Our members:

Regular Members



Associate Members



Academia



What are our focus areas?

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TECHNICAL STUDIES

Commission technical studies to advance the acceptance of VIPs



REGULATORY DEVELOPMENTS

Monitor regulatory developments in Europe, Asia and North America



STANDARDISATION

Support the VIP standardisation process worldwide



Shape the rules of the
RAL VIP
QUALITY LABEL



INFORMATION

A platform for industry players to exchange information and opinions



AWARENESS

Raise awareness on VIPs and educate users

What have we achieved?

Technical matters - three studies finalised!

1.

Compressive strength of vacuum insulation panels according to EN 826: difficulties with the measurement results for VIPs and possible solutions

2.

Development of an advanced technique for measuring the effect of moisture content on the thermal conductivity of VIPs

3.

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

- More studies currently under discussion! Results are available for the members of the association...**suggestions for new studies welcome!**
- Short summary about the objectives of each study is available [online](#).

What have we achieved?



Promotion of Quality RAL VIP Quality Mark



- Co-operation agreement with the GSH signed in 2016
- GHS VIP group reviewed RAL GZ-960 document (quality assessment criteria and procedures to obtain the RAL VIP quality mark). New version of the RAL quality mark VIP document available!
- The current quality mark now applies to other applications, irrespective of the core material used:
 - refrigerators & freezers
 - building & construction
 - hot water tanks
 - temperature-controlled boxes & containers

What have we achieved?



Support to standardisation activities worldwide:

- **New standards being discussed in different parts of the world:** CEN, ISO, China, South Korea and Japan
- VIPA International supports **harmonisation** as much as possible
- No need for reinventing the wheel each time - Regional adaptation needed but existing materials should be used as much as possible

What have we achieved?



Raising awareness to VIPs

- Main platform: VIPA International homepage in [English](#) & [Mandarin](#)
- Promotional video about VIPs released on 13 September!
- Case studies, press releases, newsletters, annual report, flyers
- Listing of VIP related literature and archive of the proceedings of previous IVIS editions
- Participation at public consultations and discussions about key legislation in Europe
- Introduction meetings with European Commission officials to present VIP technology
- Speaking slots & media partnerships with conferences (Global Insulation Conference, IFA Berlin, Temperature Controlled Logistics, etc.)

VIPA International News



GSH Press Release: RAL Quality Mark VIP – revised quality regulations - 18 September 2018

Brussels, 18 September 2018, GSH Press release on RAL Quality Mark VIP – revised quality regulations. Vacuum Insulation Panels (VIP) are high-performance thermal insulation panels which ensure an extreme high insulation quality with a minimum of panel thickness.

[READ MORE >>](#)



VIPA regrets EU negotiators agreement on energy efficiency - 21 June 2018

VIPA International is disappointed by the agreement that negotiators from the European Commission, the European Parliament and the Council of the EU reached on 19 June regarding new rules for improving energy efficiency in Europe.

[READ MORE >>](#)



New video about the Vacuum Insulation Panels industry available! - 13 September 2018

VIPA International is proud to announce the release of a new promotional video about the Vacuum Insulation Panels (VIPs) industry, created in an effort to raise awareness about the different applications of VIPs and the benefits they bring.

[READ MORE >>](#)



Refurbishment of apartment buildings in The Netherlands with VIP technology results in improved EPC - 16 May 2018

This case study shows how VIPs contributed to improve the energy efficiency of apartment buildings in The Netherlands in a cost efficient manner

[READ MORE >>](#)



German Enterprise Centre Qingdao in P.R. China built with VIP technology - 16 July 2018

[READ MORE >>](#)



VIPA welcomes MEPs decision to boost energy efficiency - 29 Nov 2017

VIPA International welcomes the vote of the ITRE Committee of the European Parliament on the Energy Efficiency Directive that took place on 28 November. VIPA International strongly believes in the energy efficiency first principle, and therefore is particularly satisfied by the inclusion of this principle in the directive.

[READ MORE >>](#)

There is a lot more to be done...

...but your support is needed!

Why joining VIPA International?



- **Make VIPA a truly global Association and representative of our industry**
- **Network with peer high-level representatives from the VIP industry**
- **Influence the Association's strategy and positions**
- **Participate at the VIPA International Working Groups to move issues forward**
- **Have a common voice in the decision-making process in Europe, China and US**
- **Gain access to industry and customers specific resources, guides and updates**
- **Share knowledge, expertise and best practices**
- **Grow the market for vacuum insulation panels**

Thank you for your attention!

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