

**Vacuum Insulation Panel Association
Technical Working Group Conference Call
Thursday 28 February 2018, 14:00 to 15:30 CET**

Participants:

Yoash Carmi, Avery Dennison Hanita, Technical WG Chair
Christoph Sprengard, FIW
Hans-Frieder Eberhardt, Porextherm
Justin Davies, Kingspan
Tadej Sekavcnik, Turvac
Kojima Shinya, Panasonic
Kenta Miyamoto, Panasonic
Jiri Zach, Brno University
Flávia Almeida, va-Q-Tec
Raquel Ponte Costa, VIPA International

Apologies:

Sebastian Baars, Vaku Isotherm
Estelle Perin, Rexor
Thomas Heckard, C-Safe
Miaotian Sun, Qingdao Kerui New Environmental Materials
Markus Arntzen, va-Q-Tec
Roland Caps, va-Q-Tec
Pascal Rousset, Rexor
Marko Meglič, Knauf Insulation
Stefaan Van Hoed, Recticel

Agenda

1. Welcome

1.1 VIPA International antitrust compliance statement

Raquel opened the conference call and welcomed all participants. She mentioned the needed compliance with the antitrust rules.

1.2 Approval of the agenda

One member asked to add to the agenda false claims on r value of VIPs for building applications.

1.3 Approval minutes previous conference call of 26 September 2018 and review of action items

The minutes were approved. Raquel went through the action items which were all completed. A list of questions was sent to Creek in October. They sent the responses to all the questions in February. About the ISO standard, we submitted a letter to Professor Phalguni in October stating our support to the ISO draft text as long as it respected the comments made by the CEN TC 88 WG 11 in previous enquiries.

2. Avery Dennison Hanita study proposal: measuring the effect of moisture content on fumed silica powders and desiccants

Raquel explained that the board approved the study and asked the Technical WG to discuss which groups of products should be tested. She highlighted that the final report will not include a comparison between the different suppliers of fumed silica and desiccants in the market. The study will only compare groups of products.

Yoash explained the purpose of the study is to evaluate the thermal conductivity of different groups of products in relation to surface area, hydrophobicity and hydrophilicity. The speed of absorption will not be tested.

- Panasonic volunteered to provide to Avery Dennison Hanita two types of calcium oxide desiccant produced in Japan.
- Va-Q-tec offered to provide 2 to 3 grades of zeolite and 2-3 types of fumed silica powders with different specifications (surface area, hydrophobicity and hydrophilicity).

Actions:

Raquel to circulate these product groups with the rest of the members for final approval.

3. Final report Creek Qingdao Kerui study: 'an integrated study on the integration of VIPs in ultra-low energy consumption concrete prefabricated buildings'

Members discussed the list of responses received. It was a very comprehensive set of responses. It seems some aspects were not covered like the corrosion of the aluminium film most likely because they did not wait sufficient time to have results. No other questions were raised on the document. Participants agreed with the publication of the final report. They also agreed that the study terminates here and that no follow-up is needed.

Raquel explained that Creek has not yet paid the 2018 fee invoice so at this stage it is still not clear whether they will continue members in 2019. Members asked the office to insist in receiving the final report which still has some value.

Decision:

Participants in the call were satisfied with the answers provided by Creek Qingdao Kerui and approve the final study to be released. Participants agreed that the study terminates here and that no follow-up study is necessary.

4. Update on standardisation activities in Europe, China and at ISO level

With regards to the CEN standard, it was explained that the legal assessment is still on-going. This process is affecting other standards in the constructions sector. For this reason, the meeting of the CEN TC 88 WG 11 is now postponed until April when the results of the assessment should be available. This means that the process will take a bit longer but the expectation is to have the CEN standard published still this year. Members shared their disappointment with all the delays in the process and suggested checking if it's possible to somehow influence the process and set-up a meeting with the HAS-consultant to explain him the standard and speed-up the process.

Members asked if the works on the new standard on sandwich panels has started but it seems that is not yet the case.

The results of the ISO enquiry were distributed to the members via email. The text did not receive enough votes to go through the next stage. This means this ISO group will be terminated and a new group needs to be created to start the process again and draft a new text. Members did not know if Professor Phalguni is willing to form a new group. Members discussed the possibility of VIPA getting involved in the process and setting-up an ISO group. This would require significant funds as well as time availability from the members. There are at least two face-to-face meetings, in the country of the convener and two conference calls a year. Raquel said she would mention this topic to the Executive Committee.

Actions:

- Tadej Sekavcnik to check if it is possible to organise an introductory meeting with the HAS-consultant.
- Raquel to discuss with the Executive Committee the possibility to take the lead on the ISO VIP group.

5. AoB

Under any other business, Justin Davies mentioned he came across misleading promotional information about VIPs in buildings like r-value claims which do not consider the edge effect. Members discussed this and

VIPA International Global Office
188a Avenue de Tervueren, Brussels 1150
Phone: +32 2 761 1681
Mail: VIPA-international@kellencompany.com
Web: www.vipa-international.org



suggested drafting a one page recommendation like a technical bulletin to be added to the website. Christoph Sprengard will draft a couple of paragraphs on this.

Action:

Christoph Sprengard to draft a couple of paragraphs on the r-value to be included in a technical bulletin.

5.1 Date and location of the next call

Raquel mentioned the date and location of the next meeting or call shall be discussed via email and on a need basis.

No other item was discussed. The call finished at 15:30 CET.
