

**Vacuum Insulation Panel Association
Technical Working Group Conference Call Meeting
Thursday 29 March 2018, 10:00 to 11:00 CET**

Participants:

Yoash Carmi, Avery Dennison Hanita, Technical WG Chair
Markus Arntzen, va-Q-Tec
Miaotian Sun, Qingdao Kerui New Environmental Materials
Marko Meglič, Knauf Insulation
Justin Davies, Kingspan
Raquel Ponte Costa, VIPA International

Apologies:

Tadej Sekavcnik, Turvac
Pascal Rousset, Rexor
Björn Lazar, Evonik Industries
Roland Caps, va-Q-Tec
Christoph Sprengard, FIW
Hans-Frieder Eberhardt, Porextherm

MINUTES

1. Welcome

1.1 VIPA antitrust compliance statement

Raquel welcomed all participants to the call and reminded them of the needed compliance with the antitrust statement of VIPA International.

1.2 Approval of the agenda

The agenda was approved with no changes.

1.3 Approval minutes previous meeting 9 August 2017 and review of action items

Members approved the minutes of the previous conference call. Raquel reported all actions were completed. Since Christoph Sprengard was not in the call Raquel promised to double-check with him on the pending actions.

Action:

FIW to document the tests they are doing to extend the lift-off technique study and prepare a summary for the WG members.

2. Update on on-going studies and pending proposals

2.1 Update on Creek Qingdao Kerui study: An integrated study on the integration of VIPs in ultra-low energy consumption concrete prefabricated buildings

Miaotian Sun joined the conference call at a later stage and reported on the progress of the study started in February. A preliminary report will be available for the meeting in September in Vienna. Concretely on the study, some tests have been done on corrosion resistance using fumed silica based panels of different dimensions. The next tests will measure thermal performance. One member asked which panels and mortars are being used for testing. Miaotian explained that for the moment only Creek products have been used but at a later stage products of other manufacturers can also be tested.

2.2 Briefing for the board on the proposal from Avery Dennison Hanita on an extension of the study on the development of an advanced technique for measuring the effect of moisture content on the thermal conductivity of VIPs (9 months, 12,500 EUR).

Yoash Carmi went through the document he prepared explaining the value of approving this study (see doc in annex). Some questions arose on the methodology and how the samples will be collected given that VIPA

only has one core material producer Evonik. Members agreed that the best would be to ask other core material producers to join VIPA so they can contribute to the study. Raquel highlighted though that she spoke with some in Paris during IVIS and they said they would not join. Yoash explained that he can extract the silica from the final VIP panel which would enlarge the palette of samples used in the study.

Yoash clarified that the final report will not disclose any company specific information. The final result will be important for the specifications given by the manufacturers which are part of the product data sheets.

Marko Meglič asked Yoash to include more information about desiccant and the response to the absorbed moisture.

Action:

Yoash Carmi to adapt the paper with the following and to send it around for comments:

- Add more details about the methodology and collection of samples
- Add more info about the desiccant

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

Yoash Carmi reported there is a meeting of the Chinese standardisation group taking place from 21 to 25 April in Changzhou, China. The meeting will be hosted by the company Sanyou Dior. Yoash said he might attend it. Miaotian said she doesn't have more info about it for the moment. Raquel mentioned she hopes the Nanjing Fiberglass Institute sends information about it since VIPA International already provided good support to them in the past.

About the ISO VIP group (ISO/TC163/SC03/WG11) Raquel reported she sent the application form early March so VIPA becomes a liaison organization to ISO/TC163/SC03/WG11 which produced the ISO/CD 16478. Hans-Frieder Eberhardt (Porextherm) will be the main liaison person and Yoash Carmi (Avery Dennison Hanita) will act as his alternate. Raquel is waiting for feedback on this submission.

Finally Raquel reminded members that the ISO ballot ISO/CD 16478 will close on 3 April and called on everyone to contact the ISO mirror committee and send the information distributed by VIPA. Some participants reported they already done so.

4 Update GHS VIP group: review of the assessment criteria of the RAL VIP label

In the absence of Hans-Frieder Eberhardt, Raquel reported that the revised GZ-960 document is now following the approval procedure of the RAL. The first deadline is on 29 March for comments by target public and specialists. There is a second deadline for comments which finishes on 25 April. After that there is a period of two weeks to review any comments received and make changes if necessary. The document is sent back to the RAL who liaises with the editors of the appeals until compromise is reached. Once the final text is ready, the RAL proceeds with the registration.

5 AoB

5.1 Next meeting: 26 September 2018 in Vienna, Austria from 14:00 to 18:00

Raquel reminded members of the face-to-face meeting scheduled for Vienna on 26 September. She mentioned that VIPA International is organising a conference the following morning on 27 September and a social event in the afternoon of 27 September.

No other item was discussed. The conference call finished at 11:10.
