## **Accepted Manuscript**

Long-Term In-Situ Assessment of Vacuum Insulation Panels for Integration into Roofing Systems: Five Years of Field-Performance

Sudhakar Molleti, Dominique Lefebvre, David van Reenen

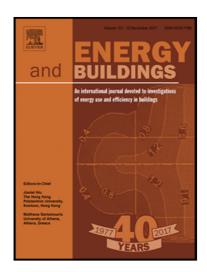
PII: \$0378-7788(17)32496-9

DOI: 10.1016/j.enbuild.2018.03.010

Reference: ENB 8396

To appear in: Energy & Buildings

Received date: 24 July 2017
Revised date: 21 February 2018
Accepted date: 3 March 2018



Please cite this article as: Sudhakar Molleti, Dominique Lefebvre, David van Reenen, Long-Term In-Situ Assessment of Vacuum Insulation Panels for Integration into Roofing Systems: Five Years of Field-Performance, *Energy & Buildings* (2018), doi: 10.1016/j.enbuild.2018.03.010

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### ACCEPTED MANUSCRIPT

### Highlights:

- Composite insulation of polyiso and VIPs were monitored and evaluated for five years.
- VIP composite outperformed conventional polyiso during the five years of monitoring.
- The R-value of the VIP composite was on average twice that of the conventional polyiso.
- The long-term performances of the VIPs were within 10% of their initial value.



### Download English Version:

# https://daneshyari.com/en/article/6727997

Download Persian Version:

https://daneshyari.com/article/6727997

<u>Daneshyari.com</u>