## **Accepted Manuscript**

The effects of foam filling on the dynamic response of metallic corrugated core sandwich panel under air blast loading – Experimental investigations

Yuansheng Cheng, Manxia Liu, Pan Zhang, Wei Xiao, Changzai Zhang, Jun Liu, Hailiang Hou

PII: S0020-7403(18)30980-9 DOI: 10.1016/j.ijmecsci.2018.07.030

Reference: MS 4442

To appear in: International Journal of Mechanical Sciences

Received date: 27 March 2018
Revised date: 18 July 2018
Accepted date: 24 July 2018



Please cite this article as: Yuansheng Cheng, Manxia Liu, Pan Zhang, Wei Xiao, Changzai Zhang, Jun Liu, Hailiang Hou, The effects of foam filling on the dynamic response of metallic corrugated core sandwich panel under air blast loading — Experimental investigations, *International Journal of Mechanical Sciences* (2018), doi: 10.1016/j.ijmecsci.2018.07.030

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**

- The response of foam-filled sandwich panel subjected to air blasts is investigated.
- A method of fabricating the foam-filled sandwich panel is proposed.
- The influence parameters are studied through postmortem analyzing.



#### Download English Version:

# https://daneshyari.com/en/article/7173587

Download Persian Version:

https://daneshyari.com/article/7173587

<u>Daneshyari.com</u>