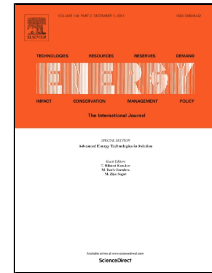


Accepted Manuscript

Experimental and numerical evaluations on the energy penalty of reflective roofs during the heating season for Mediterranean climate

Fabrizio Ascione, Rosa Francesca De Masi, Mattheos Santamouris, Silvia Ruggiero, Giuseppe Peter Vanoli



PII: S0360-5442(17)32037-6
DOI: 10.1016/j.energy.2017.12.018
Reference: EGY 11967
To appear in: *Energy*
Received Date: 25 May 2017
Revised Date: 11 November 2017
Accepted Date: 04 December 2017

Please cite this article as: Fabrizio Ascione, Rosa Francesca De Masi, Mattheos Santamouris, Silvia Ruggiero, Giuseppe Peter Vanoli, Experimental and numerical evaluations on the energy penalty of reflective roofs during the heating season for Mediterranean climate, *Energy* (2017), doi: 10.1016/j.energy.2017.12.018

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.

**Experimental and numerical evaluations on the energy penalty of reflective roofs
during the heating season for Mediterranean climate**

Authors:

1. Fabrizio Ascione, Ph.D. Researcher
University of Naples Federico II
DII - Department of Industrial Engineering
Piazzale Tecchio, 80
80125 Napoli – Italy
e-mail: fabrizio.ascione@unina.it
2. Rosa Francesca De Masi, Research Fellow (*corresponding author*)
University of Sannio
DING - Department of Engineering
Tel. (Office) +39 0824 305576
Fax (Office) +39 0824 325246
Piazza Roma, 21
82100 Benevento – Italy
e-mail: rfdemasi@unisannio.it
3. Mattheos Santamouris
Full Professor, School of Built Environment, University of New South Wales, Sydney,
NSW, Australia e-mail: m.santamouris@unsw.edu.au
Full Professor, University of Athens, Physics Department Group Building
Environmental Research, Panepistimioupolis, 15784 Athens – Greece, e-mail:
msantam@phys.uoa.gr
4. Silvia Ruggiero, Ph.D. Student
University of Sannio
DING - Department of Engineering
Piazza Roma, 21
82100 Benevento – Italy
e-mail: sruggiero@unisannio.it
5. Giuseppe Peter Vanoli, Full Professor
University of Molise
Department of Medicine and Health Sciences -Vincenzo Tiberio
via G. Paolo II contrada “Tappino”
86100 Campobasso – Italy
e-mail: giuseppe.vanoli@unimol.it

Download English Version:

<https://daneshyari.com/en/article/8072310>

Download Persian Version:

<https://daneshyari.com/article/8072310>

[Daneshyari.com](https://daneshyari.com)