

# THESIS SUPERVISOR FORM



## 1. Identification of the student:

Student:	Krista MacWilliam
Thesis:	Aging Tests to Assess the Durability of Building Materials to Salt Crystallization - Towards a More Realistic and Effective Use of Sodium Sulfate
1 <sup>st</sup> Institution:	UPC Barcelona
2 <sup>nd</sup> Institution:	Czech Technical University in Prague, Czech Republic
Academic year:	2016/2017

## 2. Identification of the supervisor:

Name:	Cristiana Nunes
Institution:	Institute of Theoretical and Applied Mechanics
Position:	Researcher

## 3. General comments

Krista MacWilliam has been a student in the Masters Course in Structural Analysis of Monuments and Historical Constructions since September 2016. The research work for her master thesis was conducted at the Institute of Theoretical and Applied Mechanics in Prague. The theme of her dissertation emerged from the RILEM Technical Committee 271-ASC devoted to the development of an accelerated laboratory test for the assessment of durability of materials with respect to salt crystallisation. As part of her thesis, Krista contributed with more knowledge for the use of sodium sulphate in laboratory ageing tests. The commitment of Krista MacWilliam in performing the high demanding experimental work required to achieve the thesis' objectives was outstanding – I appreciate her determination, brightness and critical-thinking. During the development of her thesis, Krista has demonstrated the ability to work autonomously for solving the assigned scientific task. However, a higher level of precision in the elaboration of the manuscript could have improved the quality of the thesis.

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4. Grade:  B  (very good)

Use the following scale

A (excellent)	B (very good)	C (good)	D (satisfactory)	E (sufficient)	F (fail)
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ITAM, Prague

July 10, 2017

The Supervisor,

Cristiana Lara Paulos Nunes