

THESIS SUPERVISOR FORM



1. Identification of the student:

Student:	Vivek Namdev
Thesis:	A new laboratory test to assess the resistance of porous materials to salt crystallization: Assessment of natural stone painted with limewashes
1 st Institution:	Universidade do Minho
2 nd Institution:	Czech Technical University in Prague, Czech Republic
Academic year:	2021/2022

2. Identification of the supervisor:

Name:	Cristiana Nunes Zuzana Slížková
Institution:	Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences
Position:	Associate scientist

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3. General comments

The theme of the thesis emerged from the RILEM Technical Committee 271-ASC devoted to the development of a new accelerated laboratory test for the assessment of durability of materials with respect to salt crystallisation. Vivek Namdev contributed with more knowledge for validating and improving the new RILEM test.

The thesis encompassed a great amount of work that has been carried out independently in a right way to fulfill the proposed objectives. The results are reliable and satisfactorily discussed, though there are a few limitations in the clarity and interpretation of the damage mechanisms.

The documentation of results is very good (photos, schemes, graphs), but a higher level of precision in the formal writing and elaboration of the thesis could have improved its final quality (e.g., missing pagination in the index, figures presented before being mentioned in the text, some confusing sentences, use of different literature referencing systems).

Overall, considering the amount of work, the high quality of presentation of the results, and the ability to draw some sound conclusions on a complex topic, I recommend the grade B – very good.

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 21, 2022

The Supervisors,

Cristiana Lara Paulos Nunes

Zuzana Slížková