

# MATERIALS AND INTERVENTIONS FOR THE CLEANING AND PROTECTION WORKS OF THE ARCHITECTURAL SURFACES OF THE HISTORICAL RECTORSHIP BUILDING, IN THE HISTORICAL COMPLEX OF NATIONAL TECHNICAL UNIVERSITY OF ATHENS, GREECE

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## ABSTRACT

In this work, the onsite evaluation of the conservation interventions that took place for a graffiti removal, result of vandalism in March of 2015 on the façades of the Historical Rectorship Building, in the Historical Complex of National Technical University of Athens (NTUA), is presented. The results presented concern the performance evaluation of the graffiti removal, using different cleaning methods, as well as the performance evaluation of anti-graffiti protection materials. Conservation interventions' tests were applied on both types of the architectural surfaces of the historic building facades, that is marble facings and plastered areas. The non destructive techniques of Digital Microscopy (DM), Infrared Thermography (IRT), and Colorimetry were applied in situ for the evaluation of the conservation interventions. Most importantly, the applied conservation interventions' tests and their ad hoc evaluation guided and complemented the conservation works throughout their execution, based on the deontology and principles of cultural heritage protection; whereas social, historical and political demands posed as a necessity the immediate restoration of the vandalized facades. In this framework, the conservation works of the Historical Rectorship Building were completed within two months, thanks to the cooperation of the following different kind authorities: NTUA, Ministry of Culture, Municipality of Athens and private donors for funding the cost of the conservation works.

**Key-words:** graffiti, cleaning, anti-graffiti protection, NDT, conservation works

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