

## **ACTIONS ON THE EXISTING: TRADITIONAL TECHNIQUES, NEW MATERIALS IN THE RESTORATION PROJECT OF FORUM BATHS AND GYMNASIUM IN POMPEII**

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### **ABSTRACT**

The restoration project of Baths and Gymnasium of the Forum in the archaeological site of Pompeii transfers the results of interdisciplinary researches and experiences to interventions, in a broader context of methodologies, practices, traditional techniques and new materials. The aim is to "retain" and "transmit" to the future "material evidence having value of civilization", "revealing" historical and aesthetic qualities, "presenting" in an effective and understandable way, 'easier to read', through additional prevention and protection operations, under 'environmental' control. Restoration and consolidation provide for conservation, for aesthetical 'recovery', for slavish reconstruction. In broader and sensitive approach, they imply attention on formal qualifications and material perpetuation; they also take into consideration the archaeological and historical-critical knowledge, without limiting the intervention to a purely reconstruction or destruction of added items. On the contrary, they evaluate it as an object of physical actions. The results coordinate critical needs with physic-chemical, technological and structural exigencies, through innovative materials (magnetronic glasses, pultruded beams) for the replacement or integration of some elements. The intervention perpetuates cultural contents, the layers of history, the structure and the material itself, in the serene consciousness of being able to slow down degradations, but not to grant an impossible perpetuity.

**Parole chiave / Key-words:** Archeological Restoration, Historical Layers, Magnetronic Glasses, Pultruded beams