

IL RECUPERO DELLA PAVIMENTAZIONE NELLA CONCATEDRALE DI TODI. RISOLUZIONE DEI PROBLEMI DI CONDENZA.

ANTONINO MANNAIOLI^{1*}, MAURIZIO PUCCI², MARIA PIA SAMMARTINO³

¹Fabbriceria della Sagrestia della Concattedrale di Todi;

²già MiBACT – Soprintendenza ABAP, Perugia;

³Dipartimento di Chimica, Sapienza Università di Roma.

ABSTRACT

Background: Between 2007 and 2011, the Concattedrale of Todi underwent important restructuring works by the Soprintendenza ai Beni Architettonici dell'Umbria, among which it involved, restoration, and the resolution of an ancient problem of condensation that damaged the surface of paving of the Church.

Methods: After several hypotheses, thanks to the chemical and physical analyses carried out by the Department of Chemistry of Sapienza - University of Rome, and to the funding of the Law 662/1996, the Administration board of Cathedral, in agreement with the Soprintendenza, proceeded to the lifting and reclamation of the floor and also to the introduction of a new underfloor heating system to replace the previous one, which is no longer in compliance with the law.

Results: Years later, the intervention proved to be a full solution to the problems faced. Besides, the excavation has brought to light important archaeological discoveries that have redesigned the origins of the Cathedral.

Key words: Cultural heritage restoration, water condensation, underfloor heating system, archaeological discoveries.