

UN ESPERIMENTO PER LA MANUTENZIONE DELLE MURATURE VENEZIANE, FRA TRADIZIONE COSTRUTTIVA E INNOVAZIONE COMPATIBILE

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Abstract.

Historical masonries and plasters have been proving a centuries-old endurance and a good efficiency against moisture in Venice; conversely, the more recent ones, even though expressly made to contrast this problem, tend to develop a quicker decay due to physical and chemical incompatibility with the existing masonries.

This is the main reason of revamping traditional materials and techniques as one of the possible strategies to improve the quality of Heritage maintenance throughout time in Venice.

Such an approach requires an effective collaboration between academic research and the operational world, namely between the university and local artisans who are the repositories of the traditional skills, now-a-days at risk of an irreversible loss.

The paper reports the results of an experiment that was developed within a wider research, lead by the University Iuav of Venice, the Ca' Foscari University and the Corila research centre of Venice.

Melting the issues of previous researches about Venice's building features and materials with the expertise of a Venetian master plasterer, some plaster and finish samples were made addressing traditional recipes and including variants with both natural and synthetic additives.

The experiment is still in progress but some remarks can be done as it is, revealing the different behavior of the samples and inspiring reflections and possible intentions in terms of tradition and compatible innovation.

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