

Abstract

Mosaic Art has been spread since ancient civilizations due to that mosaic is one of formation' tools in sketching has all graphic possibilities. Perhaps, one of the most important features of Mosaic Art depends on ornamental and graphic topics that consists from solid materials to fix some of them to each other whatever is natural or synthetic.

Even in Egypt across its history with its historical, archeological and high aesthetical value unless it acquired sufficient value from historical and technical studies and also studies for its preservation and maintenance, hence this research comes which includes the modes of executing the mural mosaic, raw materials and used instruments in execution. And also it included effective damage study factors on the mural mosaic and its manifestations besides the study of mosaic extracting fashions and various used carriers in re-fixing and display. Plus study of mosaic treatments and maintenance' methods and also it has performed the researches and necessary analysis's to know panel mineral and chemical formation components , subject of this study to select appropriate treatment materials, and performed many laboratorial experiments to choose a suitable substance to be entered and used in re-displaying the panel and enabling in retrieving it in necessity.

As a result of the above mentioned it has been performed the applied side on a panel from the castle's stores about Turkish era. Whereas it has performed its necessary cleanliness works and strength weak components and temporal support layers as a facilitating to remove the old carrier which has removed practically. Later it has placed interpenetration's layer which it has selected as a result of previous experiments and placing bees cells carrier and fixed perfectly.

Finally because not yet decided to display the panel so it has placed suggestions of appropriate display method.