

SUPPORTER WITH SIMPLE CARBON FIBER SHEET FOR THE RESTORATION OF MURAL PAINTING AND PERFORMING OF PICTURAL AND SCULPTURAL WORKS

Description

The present invention relates to a new supporter for transfer applications in restoration of mural painting that need flexibility and for the accomplishment of pictorial and sculptural works, based on a simple sheet of advanced composite materials.

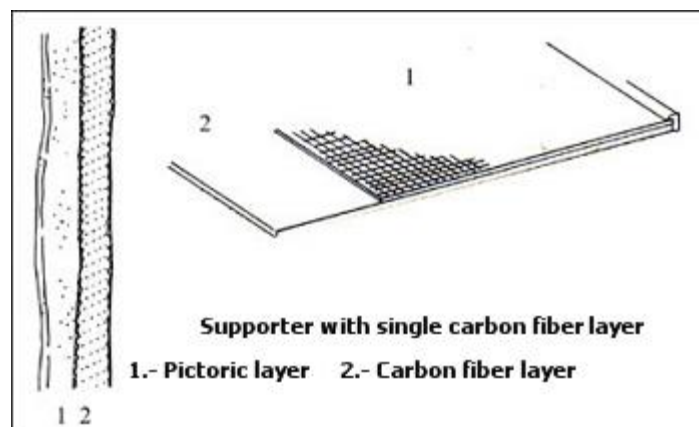


Sample of the new pictorial supporter

How does it work?

This is a new supporter for the restoration of mural painting in specific experiences of large-scale murals that require flexible supporter, incorporating a new layer of intervention, and for performing pictorial and sculptural works, based on a simple sheet of advanced composite materials: high strength carbon fiber fabric with an epoxy matrix in any of its presentations: dry or pre-impregnated fabric.

The manufacturing processes are: for the presentation of dry tissue, molding by manual contact "by wet process" at room temperature; For the presentation of pre-impregnation, molding by manual contact with vacuum, temperature and molding by manual contact through a direct and affordable process by raising the temperature with stoves. The field of application is the artistic one, both in procedures of realization of works of art as in its restoration.



Internal structure of the new pictorial support.

Advantages

This new support structure presents a great ease for its manipulation, being very convenient for the manufacture of pieces, as much flat as three-dimensional, in which a high quality rigidity is not required.



Restoration in the Faculty of Fine Arts.

Where has it been developed?

This technology has been developed in the [Department of Painting-Restoration of the Faculty of Fine Arts of the Universidad Complutense de Madrid](#).

And moreover

The research group can also perform other research and development of materials, procedures and pictorial techniques, both traditional and based on new technologies.

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