

## Development of Materials in Contemporary Art

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### ABSTRACT

*The purpose of the article is to reveal the features of using the latest materials as a tool for the creative development of the individual in the modern Art Sphere.*

The material from which artistic art originated is hardwood. After wood, around the 15th century, canvas began to be used for painting, which still does not lose its relevance.

First, let's take a look at what canvas is.

This is a natural or synthetic fabric stretched over a stretcher.

Canvas types:

Cotton

Cream-colored cotton fiber is common in modern painting. This is a material for any drawing technique, but despite its popularity, the material has its drawbacks. It tends to absorb moisture, deform under its influence. Molds may appear on it. The durability of the material is questionable.

Linen

Linen canvas of a grayish hue has been used in painting for a long time. It can be noted the durability of linen canvas. It does not sag after decades, does not absorb moisture in large quantities. But the weight of this material will be more than that of cotton canvas.

Synthetic base

Polyester fibers are stronger than cotton and linen fibers. They have less distortion. Synthetics do not tend to rot or absorb moisture. The material is light and modern, so it is not yet possible to assess its durability in practice.

All of these canvases are glued and primed before the image is applied to them with art paints.

Some modern artists buy only glued blank canvases and paint on them without grouting.

Despite the fact that canvases still remain one of the most popular types of material for painting, special attention should be paid to the development of modern painting.

I want to present the material on the surface of which I depicted one of my works in the style of "symbolism" The work is called "Sparta" in size 50 × 50, painted with oil art paints and subsequently covered with "Dammar" art varnish. The picture is painted on the surface of a material called CARBON (Carbon Fiber) Potent -8596

What is carbon:

Carbon (Carbon Fiber)

A carbon-polymer composite material made from interwoven carbon fiber strands in a matrix of polymer resins.

Carbon fiber carbon consists of polyacryl nitrite, pre-treated with high temperatures from 3 to 5 thousand degrees. Its binder is a two-component epoxy resin. After entering into a chemical reaction with resin, carbon fiber turns into a rigid plastic, acquiring strength 4 times that of steel, while having a very low specific gravity. Carbon fiber is also unaffected by harsh chemicals.

Taking into account the above characteristics, carbon can be considered a universal material adapted for use in various climatic conditions.

Carbon is mainly used now in the Aerospace industry, as well as in mechanical engineering, wind energy, sports equipment, construction, filtration systems, and so on.

The long service life of the material is due to a combination of its following advantages:

Exceptional resistance to corrosion processes. High waterproofing characteristics are due to the glossy surface of carbon fiber, due to which the material does not react with water. The very texture of carbon and its pattern on the surface is very beautiful. The material has high adhesion to various materials. In this case, artistic paint, both oil-based and acrylic, is easily and beautifully applied to the carbon surface. After completion of the work, carbon is easily covered with artistic varnish of different compositions.

Since contemporary art is rapidly developing, why not combine art with modern aerospace technology. After all, the popularity of carbon fiber is only growing!

One of the promising characteristics in the direction of the development of contemporary art should include their accessibility to a mass audience.

The only downside to the caboose is its high cost. But the development of contemporary art requires a lot of money, effort and the ability to use modern innovative materials.

The desire to share the idea on social networks, as well as at modern art exhibitions, will contribute to the growth in popularity of this style and method of fine art.

Of course, there will be a question about the durability of art paint and varnish applied to carbon.

Modern painting is changing rapidly and there is no need to talk about durability. To please the modern collector is what drives the development of painting, and the durability of the painting on carbon will show time.

I think that not one century!

Thank you for your attention.