



FINISHES SHOULD BE USED FOR TRANSFORMING SPACES: EVOLUTION OF HOME-BASED INTERIOR DESIGNER'S OFFICE

By:

SANJENI MEHTA

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Under The Guidance Of:

MR. ABHISHEK BAIRAGI

[INTERIOR DESIGNER]

Assistant Professor

SANJEEV AGARWAL GLOBAL EDUCATIONAL (SAGE) UNIVERSITY, BHOPAL, MADHYA
PRADESH

ABSTRACT

My previous research paper demonstrates the importance of attending to styles, practicality, and the blending of working and living space through a consideration of home office arrangements for interior designers. It solves issues such as the following: how does the project promote sustainability, how does it address privacy issues, and how can space be managed effectively? To enhance professionalism and productivity standards within the framework of the environmental directives of the research, the study focuses on the aspects of zonings ergonomics, and inventions. For a variety of needs, solutions such as smart technologies and flexible furniture. As a result, the study focuses on the importance of embodied, adaptive, and creative home offices for sustained gain and client engagement.

In this research paper, I will describe important aspects of the interior design style, finishes, and materials related to the project described in the previous research paper by this author. In the next section, I will explain the rationale for these decisions as well as what impact they have on the character of the design.

KEYWORDS

1. Bohemian interior style
2. Bamboo
3. Sustainability
4. Frosted glass

INTRODUCTION

In the introduction, I will discuss the interior style and materials I will use in my project. I will use the **Bohemian interior style**.

Bohemian or “**boho**” home design is a concept of interior design that reflects multicultural, artistic, and casual life perspectives. That is about sticking to one’s fashion and incorporating various sources, comfort with cosiness, and depth of textures, hues, and ornaments. Here are some essential features of the Bohemian style:

1. COLOUR PALETTE –

Bohemian-styled interiors often use a large portion of intense, deep shades, as well as oranges, purples, reds, and greens, hand in hand with muddy hues of browns and beiges. These are usually used together with metallic hues such as gold or brass to give a warmer tone.

2. ECLECTIC MIX OF TEXTURES AND PATTERNS –

The boho style is characterized by different layers, including velvet, linen, silk, and wool. These fabrics are often stacked in furniture, throw pillows, rugs, and wall hangings.

The patterns have a certain excess of gradation and a combination of bright, non-synchronous floral and geometric patterns, stripes, and ethnic motives. Many home decoration items, such as hanging facades, carpets, and cushion covers, often incorporate a multiplicity of designs, which tends to give them depth.

3. GLOBAL AND VINTAGE INFLUENCE –

Moroccan, Indian, and Middle Eastern cultures are the inspiration for the bohemian style that is derived from world travelling. Traditional furniture and home accessories are often mixed with modern ones so furniture seems to possess personality and a past.

Many of the artefacts belong to more than one civilization or period can be identified. This could be Moroccan rugs; Indian textiles; ancient furniture; and handcrafted products among others sourced from other parts of the world.

4. NATURAL MATERIALS –

A bohemian style popularly uses wood, plants, and natural fibre like rattan, wicker, and jute since they offer the feeling of being close to nature.

Plants are a significant part of the boho style; they bring a colourful and lively atmosphere and improve the perception of enhanced ties with nature.

5. PERSONAL TOUCHES AND CREATIVITY –

Bohemian interior designs are extremely personal because they are drawn from the person’s own experience and desire.

Art objects, literature, travel and tourist items, gift items, and homemade things help make a space personalized and filled with stories. They promote uniqueness therefore there can be art pieces or exclusive odd objects for sale.

6. COMFORTABLE AND CASUAL FURNITURE –

While accessories must be comfortable, the furniture is rarely high and cannot include armchairs, sofas, and the like, preferring floor accessories, pouffes, and bean bags.

Soft furniture such as seats that include the sofa and chairs may be luxurious, creating relaxation.

7. MIX OF OLD AND NEW –

There is the use of both the antique furniture and furniture of the more modern design.

This method adds to the warm, ageless, and personality-filled setting the space needs for people to live in.

8. ART AND DÉCOR –

Hand-made paintings and sculptures, earthenware, hanging plant holders, macrame artwork, woven Rwandan baskets, framed mirrors, and cute beds are typical features of bohemian living spaces.

These decor objects convey an aesthetic of creativity as well as respect for workmanship at the same time.

Even though bohemian home design is energetic and diverse, it respects individuality and multiculturalism, as well. The raw materials are also a blend of numerous patterns, and vivid colored fabrics, which have a global touch through craft and artefacts from many countries. Some of the features of new and second-hand types of equipment are natural materials and lay back, comfy equipment contributes to a warm and welcoming atmosphere. Carta, souvenirs, and personal artworks are examples of personal items that bring both sophistication and added personality and atmosphere to a home.

MATERIALS

1. Bamboo –

I will use bamboo for flooring, furniture, storage solutions, and work surfaces.

Bamboo is a fast-growing grass, and people often use it as a building material. It is preferred for many uses, such as interior design because it is strong, versatile, and aesthetically appealing.

PROPERTIES OF BAMBOO: -

Physical characteristics:

- ❖ High tensile strength; reference made to steel most of the time.
- ❖ Sturdy but lightweight.
- ❖ Resilience and adaptability.

- ❖ Ability to resist swelling and shrinking after the treatment

Environmental characteristics:

- ❖ This is a renewable and sustainable resource since it took only 3-5 years to mature.
- ❖ Which has a great ability to neutralize carbon dioxide thus actually minimizing carbon footprint emissions.

Aesthetic qualities:

- ❖ Earthy, warm, and natural very close to the skin color.
- ❖ Available in several colours and surfaces depending on the species and its appropriate finishing.

Sturdiness:

- ❖ When treated it becomes resistant to fungus and pests.
- ❖ It is suitable for many occasions because it is not easily affected by wet conditions or humidity.

ADVANTAGES OF BAMBOO

This is a natural material derived from natural resources, which bears environmentally friendly attributes since it is biodegradable and can also be used several times. Thus, cost-effectiveness is up to the mark because it is an inexpensive mode and easy to utilize. It is versatile in use and is used as furniture, floorings and wall panelling. It looks very natural and has a rich variety of patterns and finishes; for it is stronger than any ordinary wood.

DISADVANTAGES OF BAMBOO

When bamboo wood is not treated, the effects may include denting, scratchability and even damage by termites. It needs to be refinished quite often, and water or sun can equally damage its surface. Techniques of harvesting and processing are among the types of variables that come between bamboo quality. In addition, in some of these zones, bamboo of certain grades may not be easily accessible.

BAMBOO PRODUCTS IN INTERIOR DESIGNING:

Flooring:

- ❖ In place of hardwood floors, bamboo boards are used in the current construction.
- ❖ Strong, sustainable, and beautiful to the eyes.

Furniture:

- ❖ Beds from bamboo, tables, chairs, and wooden shelves create a stylish and natural impression.
- ❖ Portable and lightweight.

Partitions and wall panels:

- ❖ Another possibility of creating natural-looking textured walls is the use of bamboo cladding.
- ❖ These are utilized in the design of beautiful eco-friendly partitions for rooms.

Ceilings:

- ❖ When it comes to the area of ceilings, burglary of cosiness and personality is done with the help of bamboo strips and panels.

Decorative items:

- ❖ The interior effects of bamboo are curtains, planters, shades, and baskets.

Blinds and curtains:

- ❖ Although they provide a natural appearance, bamboo blinds provide seclusion and the ability to control the light.

Kitchen accessories:

- ❖ With bamboo utensils, trays, and cutting boards, interior spaces receive a touch of the sustainability factor.

2. Frosted glass –

I will be using frosted glass for windows and partitions because they give the best privacy, allow light, and create soft beautiful, and soothing diffused effects. It can be manufactured utilizing recycled materials or can be created utilizing eco-friendly processes.

PROPERTIES OF FROSTED GLASS

Translucency:

- ❖ Saves privacy by allowing light to pass through it while preventing people from seeing you.

Surface finish:

- ❖ They may be smooth or one and the other side may be rough or engraved or of frosted appearance.

Durability:

- ❖ As resistant as any regular glass, the surface can be treated to make it slightly stronger.

Customizability:

- ❖ Fine patterns or simple engravings may be incorporated into the design.

Heat and chemical resilience:

- ❖ Does not alter the base glass's mechanical and thermal stability or its resistance to either heat or chemical solutions.

ADVANTAGES OF FROSTED GLASS

Due to the exclusion of outside views and admitting daylight into the building, this material offers a balance of light and privacy. It is adorned by decorating coatings to enhance its look in terms of appearance and also enhance the outer and inner surfaces of the building. To cater for different hearts, it is available in a wide range of patterns, finishes and designs. It is easy to keep and does not get smudged or fingerprinted in comparison with regular glass. Also, it softens light as much as glare while creating a more welcoming type of ambience in the room.

DISADVANTAGES OF FROSTED GLASS

Specifically, surface etching may solidify or even decrease the visibility, depending on their situation. Again, because of roughness, the surface may be harder than the smooth glass to clean to the last speck or drop. If compared to clear glass, the material causes an increase in the costs of processing it. Additionally, surface etching may slightly reduce the toughness of the fabricated glass and raise its brittleness.

APPLICATIONS OF FROSTED GLASS

Private spaces in homes and businesses:

- ❖ Windows, doors, and partitions.
- ❖ Shower enclosures for bathrooms.
- ❖ Shelves and cabinets in the kitchen

Decorative use:

- ❖ Tabletops and ornamental panels are examples of decorative uses.
- ❖ Unique designs for office branding.

Public and office buildings:

- ❖ Walls of conference rooms in public and office buildings.
- ❖ Barriers and dividers to establish private workstations.

Signage:

- ❖ Because of its sleek and contemporary appearance, it is frequently used in conjunction with business logos.

3. CLAY OR WALL PLASTER –

Wall plaster is a natural material, specific for the construction of buildings, namely clay, used on walls and ceilings. They primarily include clay, sand, water and with a frequency of less than once every two years fibres such as straw or other organic matter. It is neither as environmentally damaging as other plasters such as gypsum- or cement-based plasters.

PROPERTIES OF CLAY OR WALL PLASTER

Natural Composition:

- ❖ Primarily made up of water and sand, composite with clay and additional texture or strength enhancers.

Breathability:

- ❖ Besides allowing walls to breathe, breathability reduces moisture content and regulates internal relative humidity.

Adhesion:

- ❖ Good contact is obtained on straw bales concrete and bricks among others.

Texture and Finish:

- ❖ It can be either textured or finished following a smooth surface depending on the intended design.

Durability:

- ❖ Cohesive and resistant when maintained while not as long-lasting when compared to cement plasters in areas of high use.

Thermal Properties:

- ❖ It provides efficient protection from the temperatures inside the room, from compromising in the hot season and dropping in the cold season.

Eco-friendliness:

- ❖ Was found to require less embodied energy than other plasters and it is biodegradable and non-toxic.

ADVANTAGES OF CLAY OR WALL PLASTER

The gadget that is made of natural materials and friendly to the environment helps to enhance the quality of indoor air, decrease the nasty impact on the environment, and provide excellent thermal as well as acoustic insulation. It has a very pleasing aesthetics; it gives an impression of stability and cosiness and the buyer is allowed to choose between various tones and types of leather. They are a handy resource in designing a healthful habitation, and at the same time energy-efficient due to the properties that make them highly resistant to damage, easy to repair, and sustainable.

DISADVANTAGES OF CLAY OR WALL PLASTER

It is however reactive to moisture if not encased properly, which results in distortion, dust build-up and shine loss in areas that may be sticky with humidity. It is vulnerable to crack as it has low impact strength and it decreases in high-traffic areas or high impact zones. All the same, proper washing and care, indeed general hygiene, is important to retain its functionality and aesthetics. Also, for exact sectors, like comfort making, a skilled workforce is required which could make first costs higher. Finally, overall programme timetables and cost efficiency might be affected by a longer time required for the plaster's drying, than with common plasters.

APPLICATIONS OF CLAY OR WALL PLASTER IN INTERIOR DESIGNING

Wall finishes:

- ❖ These are used on walls to produce plain, rough, or fancy finishes.

Rustic and Natural Themes:

- ❖ Its natural look lends its suitability to restoration style or nature-friendly environment interior design.

Accent Walls:

- ❖ As utilized frequently to activate attention to certain areas with special surface features or natural colours.

Ceilings:

- ❖ Produce an earthen finish to the ceilings which enhances the special homely appearance.

Historic Restorations:

- ❖ This is a traditional type, which creates the ability to combine easily with natural materials this makes it ideal for use in new constructions as well as renewal of old buildings.

Modern Minimalist Design:

- ❖ This is especially good news for minimalist interior design lovers as muted colours and gentle textures complement the minimalistic design well.

Temperature regulations:

- ❖ Used mostly in places where the control of heat is paramount is temperature control.

4. LED LIGHTS –

LED lights- Basically, what happens is an electric current start passing through a semiconductor as a type of lighting technology. Due to their longevity, energy consumption and usage across different fields- interior design being part of the fields that commonly use LED lighting, LED lighting has become popular.

PROPERTIES OF LED LIGHTS

Energy efficiency:

- ❖ It consumes a lot less energy than the normal source of light.

Longevity:

- ❖ A whole lot longer than incandescent or fluorescent lights and can range between 25,000 to 50,000 hours of use.

Compact size:

- ❖ There is nothing like small versatile forms which make innovative designs possible.

Directional lighting:

- ❖ Directional lighting helps in cutting down the wastage of light in that it illuminates in one direction.

Dimmable:

- ❖ In the case of many LEDs, they can be made to shine by using dimmers.

Colour range:

- ❖ Otherwise, it is available in a huge variety of colours, so with filters they are not necessary.

Low heat output:

- ❖ Less heat is produced than in flue-gas desulfurization, making it cooler and safer to manipulate.

Environmentally friendly:

- ❖ Customers can easily recycle and be free of toxic chemicals such as mercury.

ADVANTAGES OF LED LIGHTS

Substantial reductions in energy consumption become achievable when using this technology, which ranges from 40% to 80%. They are stable against extraneous inputs and their structural design enables more variations than typical panels. The warm time present in luminaires with incandescent bulbs is done away with since there is instant lighting. Fewer problems arise which require repair work and the flexibility of colouring allows the creation of the desired mood to the users. Finally, as one of its attributes, little waste material is generated, thus there is a low impact on the environment.

DISADVANTAGES OF LED LIGHTS

LED lighting is quite beneficial but like any other product, it has some disadvantages as well. It is sensitive to heat, and the initial costs are usually higher than any other normal lighting system. Thus, while LED light is directed, this may require more fixtures to cover the same area the amount that incandescent or fluorescent

would at a lesser intensity. Some dimmer switches are older models and may not be compatible with newer devices; constantly exposing one's eyes to a blue light emitted by some LEDs affects sleep patterns and vision.

APPLICATION OF LED LIGHTS IN INTERIOR DESIGNING

Accent lighting:

- ❖ Decorative lighting highlights a surface or area that can be artwork, ornamentation, or some structural feature.

Task Lighting:

- ❖ Provides a focused type of lighting, especially for a designated task such as cooking or reading.

Ambient lighting:

- ❖ Ambient lighting makes rooms look warm and gives bright light to every corner.

Under Cabinet Lighting:

- ❖ Popular in the kitchen as both, functional and ornamental items.

Recessed lighting:

- ❖ Supplies concealed fixtures and gives a modern look.

Mood Lighting:

- ❖ Variations for warm or bright scenes whenever the colour temperature has been set for a specific tint.

Decorative fixtures:

- ❖ These are wall lamps, ceiling lamps, and chandeliers respectively for instance kitchen chandeliers.

Smart Lighting:

- ❖ Fully integrated automation and remote control into smart home systems.

PROBLEM STATEMENT

Separating interior design and the subtleties of the materials used are not very common in the offices that I've come across.

OBJECTIVE / SCOPE

- ❖ To examine the application of Bohemian style in home offices.
- ❖ To assess the feasibility and aesthetic properties of the main types of materials used in interior design for the interior: clay plaster, POP sheets, bamboo, frosted glass, and LED lighting.

- ❖ Aesthetic and conceptual ideas for using bohemian interior design are employed to establish bespoke and transformable home offices.

LITERATURE REVIEW

REVIEW – 1

“Bohemian luxury style in the interior design of a coffee house and barista training”

Authors: Septiana Trisnawati and Rahmanu Widayat

Published: 2021

Publisher: Pendhapa

Summary: The practical case of the ‘Bohemian Luxury’ concept and training of baristas in a coffee shop is also presented in the document. It has a great focus on the balance between work-oriented segments and a homely, ‘bohemian’ design that is achieved with the help of handmade accessories, an expressive colour palette, and engaging textures. The purpose of the study therefore is to analyze the physical environment that suggests calmness and relaxation among trainees as well as clients. It involves both material selection and layout of the space and theoretical approaches based on prior research to supplement the theme.

REVIEW – 2

"Comprehensive Application of Bamboo Elements in Modern Interior Design"

Authors: Jialu Song and Yanzuo Zhou

Published: June 2019

Publisher: Atlantis Press

Summary: The further article examines the presence of bamboo as a material in modern interior design focusing on its cultural and environmental aspects. It reflects the material aspect, opportunity and challenge of using bamboo in interior design. Further, the study anticipates future directions and opportunities for bamboo in sustainable interior design and architectural design.

REVIEW – 3

“Sustainable Elegance: The Use of Bamboo in Interior Design”

Author: Adele Belitardo

Published: September 2023

Publisher: ArchDaily

Summary: In the current article, bamboo in modern interior design projects has been analyzed for its fashionable and functional qualities. They emphasize how bamboo is being utilized for creative and

sustainable building solutions in furniture, panelling and lighting among others. As with any system, case examples can illustrate just how well it works in producing numerous lavish and sustainable conditions.

REVIEW – 4

“Bamboo as a Sustainable Building Material: A Systematic Review of Properties, Treatment Methods, and Standards”

Author: Maria Fe V. Adier, Maria Emilia P. Sevilla, Daniel Nichol R. Valerio, Jason Maximino C. Ongpeng

Published: 2023

Publisher: Buildings journal MDPI

Summary: In the course of constructing this essay the author gives a comprehensive description of bamboo as a construction material, its benefits, treatment and flooring. Bamboo is a renewable material that is better than conventional resources since it combines a high strength/density ratio. Manufacturing of bamboo for utilization in floorings and other purposes requires uniform treatment techniques as shown by the study.

REVIEW – 5

“Frosted Glass Benefits in Partitioning of Modern Offices”

Author: Kathlyn Jacobs

Published: 2020

Publisher: Crystalia Glass

Summary: In this article, the advantages of using frosted glass as the contemporary office’s inner walls are described. Promotional points such as improved privacy, superior control of natural light, durability, low maintenance, and design are emphasized. Tempered glass partitions make office areas functional while offering a sleek corporate outlook about them.

RESEARCH GAP

Where gaps remain is how sustainable materials such as bamboo or frosted glass might facilitate ‘Bohemian Luxury’ in functional spaces such as offices or training facilities. Presently available writings focus on some materials or concepts but fail to analyze how these elements interrelate to generate sustainable, luxurious, and versatile design solutions.

METHODOLOGY

- ❖ Decide on a subject.
- ❖ Compose the introduction.
- ❖ Examine similar studies.
- ❖ Make a research plan.
- ❖ Explain the relevance of the study.

- ❖ Compose the ending.
- ❖ Include supplementary work.
- ❖ Compose a second paper.
- ❖ Construct a model.

LIMITATION

- ❖ I will not use bamboo flooring in the bathroom.
- ❖ I will use pop sheets only for the ceiling and on the wall for the 2 sides of the room.

RESULT

- ❖ **Effective Integration:** Such eco-friendly materials as bamboo and frosted glass were incorporated into the bohemian style harmonically.
- ❖ **Material Performance:** Bamboo showed that it can be strong and versatile during Those Games. Besides offering better lighting features than clear glass, frosted glass provided an added bonus of the ability to draw the curtains.
- ❖ **Design considerations:** The options of material were promoted with the help of bold and sophisticated colouring, elaborated texture and lighting.

CONCLUSION

Based on the findings of this study, readers shall be in a position to understand how best to develop a modern home office using both ecological materials and boho design ideas. The findings confirm that it is possible to create a nice and efficient working environment that is as green as it is attractive.

An important success factor was incorporating bamboo, a rapidly renewable resource, as the primary work surface, furniture and floor material. Thus, it can be stated that, in contrast to other wood-related materials, bamboo did some wonders for the aesthetics of the space and significantly reduced its detrimental effects on the environment.

Furthermore, the creative positioning of frosted glass was effective in maintaining privacy and equally dispersing light, the working space was peaceful and focused with a hint of aesthetics. The combination of these materials along with choosing the right colour schemes, textural addition and lighting also created a beautiful and functional space.

This study is useful for all stakeholders who wish to design interesting and sustainable houses, offices, or other spaces. It proves that reasonable use of sustainable material together with the aesthetic sense and logic of functional practicality can be used and achieved in unison.

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