

3D Epoxy Floors - A Myth or Reality



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3D Epoxy floors have become the rage of the social media. From bathrooms to living rooms, lobbies to bedrooms, swimming pools to Jacuzzis, 3D floorings have captured the imagination of the general public as well as designers. What everyone receives in their Whatsapp and Facebook are images such as the following:

Naturally, everyone's curiosity is aroused as to whether it is really possible to achieve these kinds of 3D effect in the flooring, what is its durability, can we use it everywhere: outside or inside etc. This article tries to demystify to a certain extent the concept of not only 3D floorings, but other types of decorative floorings as well.

3D Floorings

Needless to mention, 3D floors are not 3D (three-dimensional), but a simple two-dimensional floor. However, it is possible to create a three-dimensional effect depending on where from you are looking at, the type of image, colours and the method of application as well as the lighting effect.



The process of laying 3D flooring can be simplified in the following steps:

1. Surface preparation
2. Epoxy primer
3. Moisture-barrier system (optional)
4. Epoxy leveling layer
5. 3D image
6. Transparent epoxy sealer

But it is suggestive that laying of the 3D flooring is best left to be executed by skilled and experienced professionals to get the best effect as well as durability desired. Some of the critical aspects such as the transparency, toughness, abrasion resistance and clarity of the top coat, method, direction and alignment of 3D image vis-à-vis the room angle and lighting, quality of material used for the 3D image as well as other materials pertaining to epoxy flooring- all these play a vital part in the outcome of the finished floor.

Some examples are enlisted below:



Images for Ideas for 3D flooring

But be choosy in selecting the picture as you have to see and like the same picture for a long time.

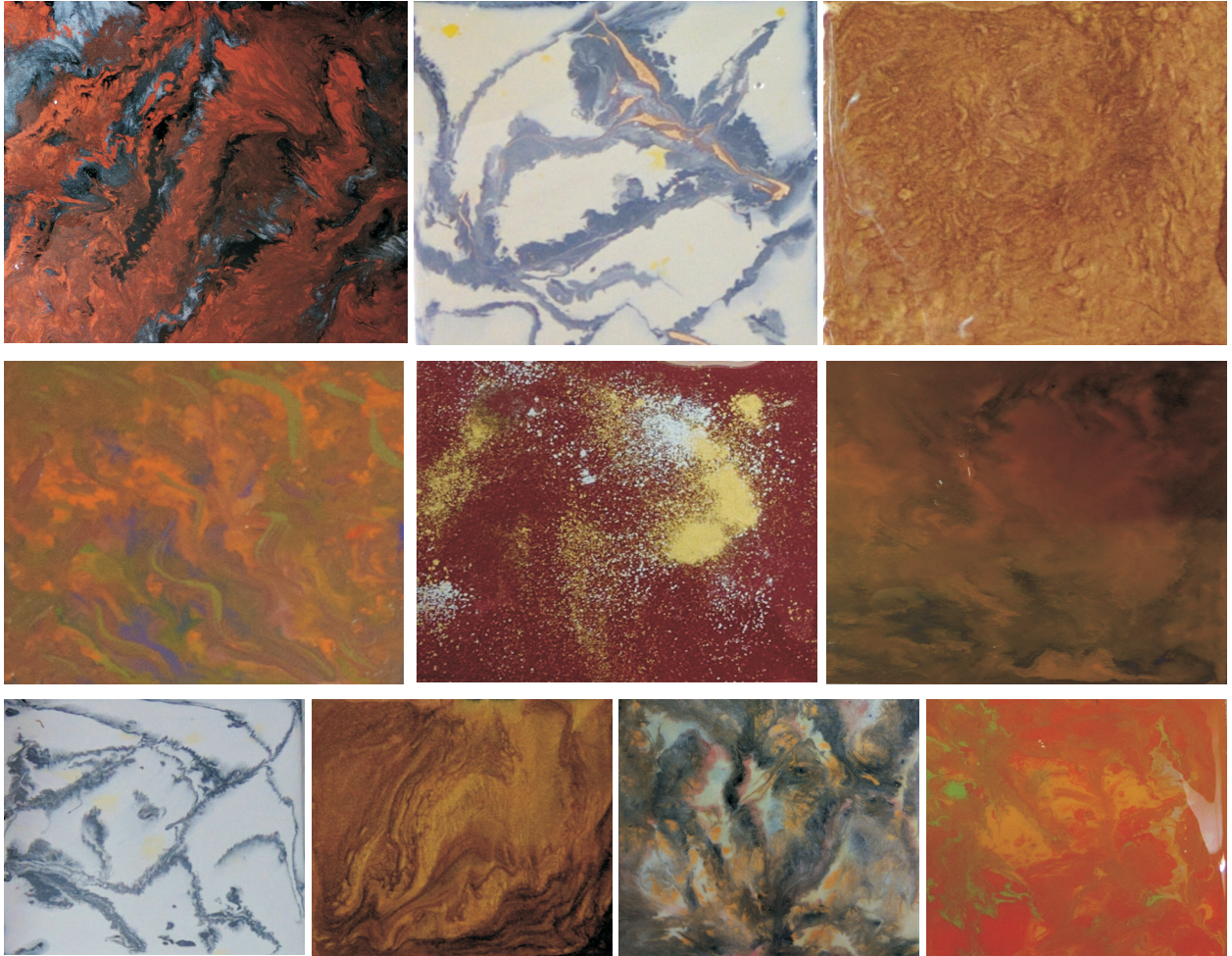
Metallic epoxy fusion flooring:

The advent of high-quality metallic luster pigments has created a new genre of creative floorings and the range of these floorings are simply unlimited. The colours, designs and patterns that can be created with these metallic epoxy materials are simply breathtaking, to say the least.

Look at the photographs of actual samples created using metallic pigments and epoxy flooring material which is uniquely formulated with an excellent gloss, toughness and compatibility.

These floorings provide elegance and "WOW" factor and the extent of it's the possibilities are limited by the imagination of

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the designers. Thus, these floorings are ideally suited for retail stores, lobby areas, salons, living rooms, hotels, restaurants, and offices. They are also widely used in western countries for table tops, kitchen tops, restaurant and office counter tops etc.

Impressionist floorings

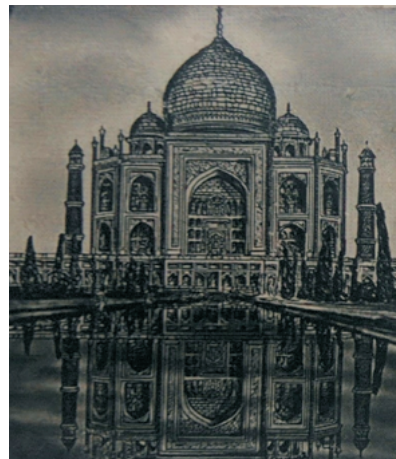
Another new innovation for decorative epoxy floorings is the ability to superimpose images, stencils, designs and motifs on specially made epoxy flooring system followed by protecting with highly transparent, glossy and hard epoxy sealer. These floorings provide you the uniqueness that

others will find it extremely difficult to reproduce. In other words, your floor can be your signature and no one else will have an identical flooring. Some samples made with this concept are shown below:

In conclusion, with the innovation and availability of technologically improved materials and additives, offering innovation in floorings have become possible. These



innovations would make a difference to the way, one looks at mundane floorings. ♦



Author's Bio

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