



## 3D Metallic Pigments System

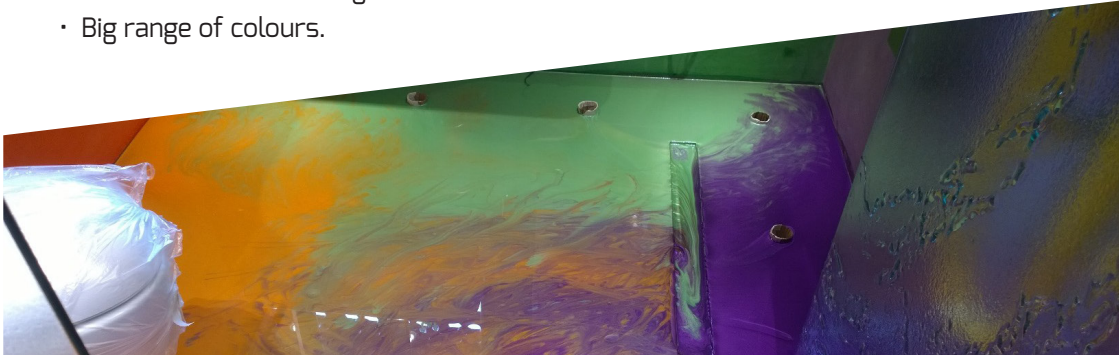
...Installing BESPOKE FLOORS was never easier

### Features:

- Thickness - 1.5 mm +
- Affordable
- Easy Installation
- Long Working Life for resin materials
- Completely Customizable
- Stylish, UNIQUE Design Effects: natural stone appearance, pearlescent effect, iridescent, or glow in the dark etc.
- Durable and Scratch Resistant Coating
- Multi-Dimensional Colour Hues
- Low Maintenance System
- Economical & Cost-Effective
- Flooring Artisan Friendly
- Sealers: matt, satin or gloss
- Big range of colours.

### RECOMMENDED USES

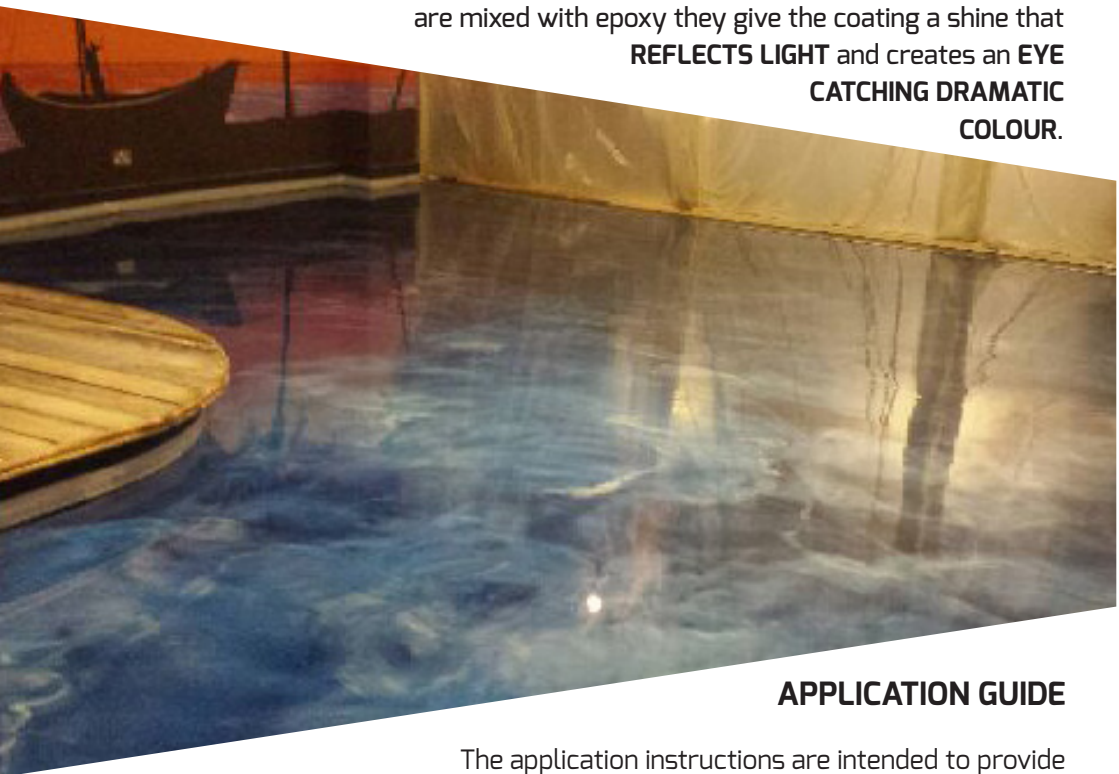
- Houses and flats (floors, worktops, wall panels, art work, tables etc)
- Offices
- Administrative and public buildings
- Wet rooms
- Shopping centres
- Restaurants, cafes, nightclubs
- Exhibition halls, fashion houses, theatres, boutiques and many more.



## DESCRIPTION

The 3D Metallic Pigments are special effect pigments composed of mica nano-particles coated with various organic and inorganic pigments to create pearlescent and iridescent effects that mimic the **natural look of stone and rock formations**. These unique pigments are designed to be field blended with a 100 solids clear epoxy binder. When the metallic particles are mixed with epoxy they give the coating a shine that

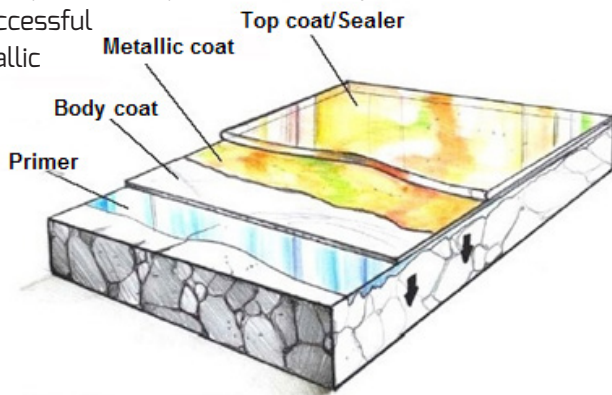
**REFLECTS LIGHT** and creates an **EYE CATCHING DRAMATIC COLOUR**.



## APPLICATION GUIDE

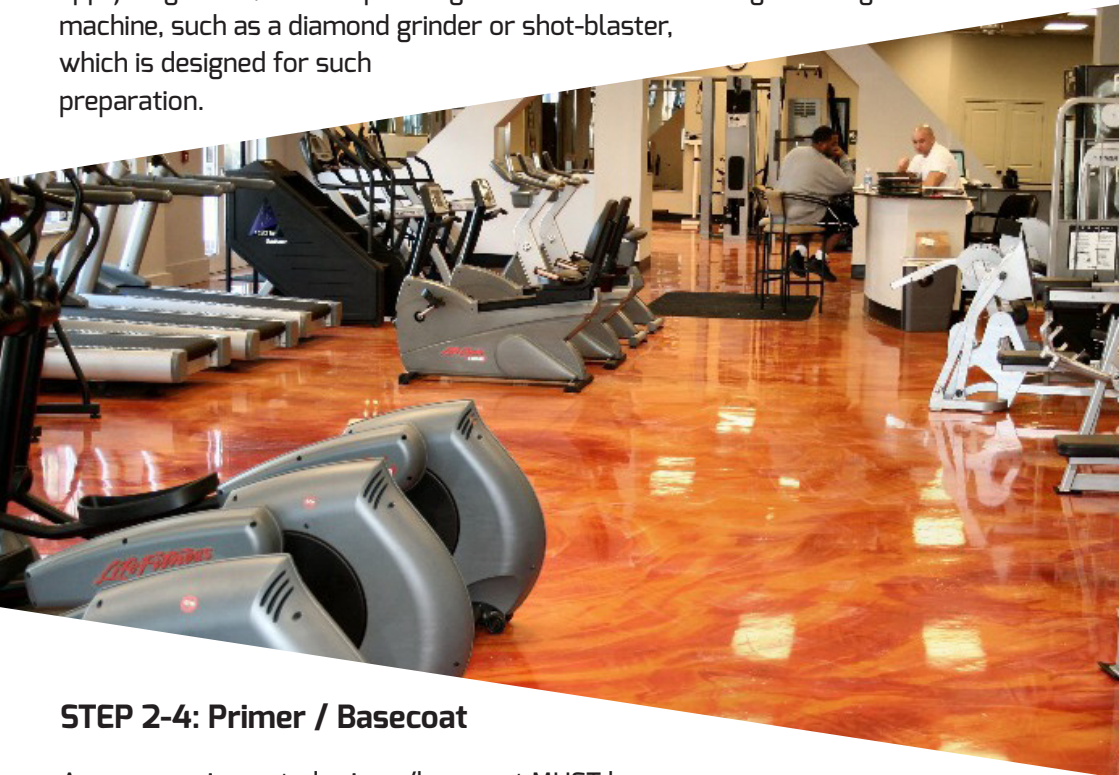
The application instructions are intended to provide guidelines for installation of the 3D Metallic Pigments. There are no set rules for applying these pigments, as they are merely a creative component to the overall system. The basic steps for a successful flooring installation with 3D Metallic Pigments are as follows:

1. Surface Preparation
2. Epoxy Primer
3. Scratch coat (optional)
4. Basecoat
5. 3D Metallic Pigments Coat
6. Clear Topcoat (optional)



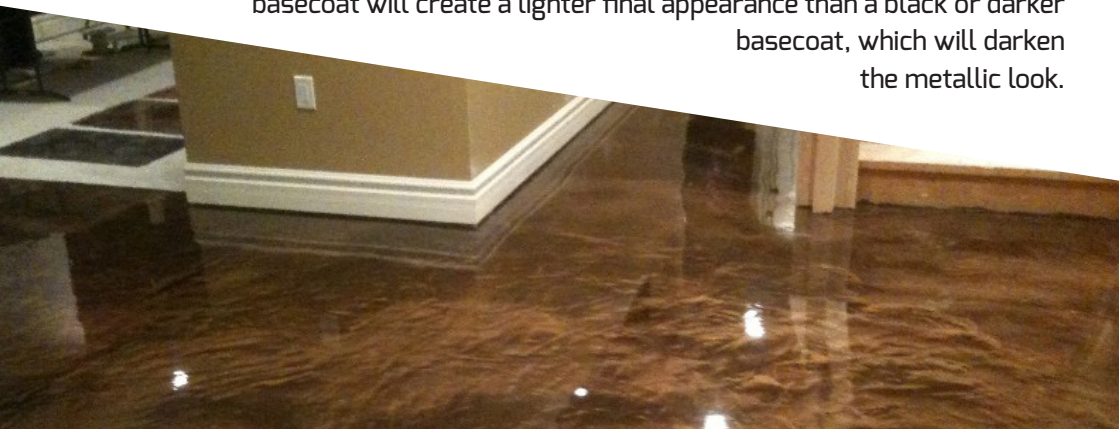
## STEP 1: Surface Preparation

The surface preparation method is dependent upon the existing condition of the substrate and the guidelines from the manufacturer of the primer/basecoat you apply. In general, surface profiling should be achieved using a floor grinder machine, such as a diamond grinder or shot-blaster, which is designed for such preparation.



## STEP 2-4: Primer / Basecoat

An opaque pigmented primer/basecoat **MUST** be applied to serve as a canvas for the translucent metallic coat. It is important to note that the colour of the basecoat will influence the overall appearance of the floor since the metallic coat is translucent. For example, a white or light basecoat will create a lighter final appearance than a black or darker basecoat, which will darken the metallic look.



## STEP 5: 3D Metallic Pigments Coat

The 3D Metallic Pigment packs are designed to be added to 100% solids water clear epoxy coating. The recommended application rate is up to 13 m<sup>2</sup> per 10kg fit, however it can be applied even on a wider area when a perfectly smooth surface is not required. This thickness will ensure the 3D Metallic Pigment work their magic. **Once the epoxy is applied, the pigments start to move and create their patina.**

### COVERAGE RATE

3D Metallic Pigment	Mixed 3D EP/PU Clear Seal - 2 component water clear resin	Coverage area
250 g	10 kg	7 - 13 m <sup>2</sup>
500 g	20 kg	14 - 26 m <sup>2</sup>
750 g	30 kg	21 - 39 m <sup>2</sup>
1 kg	40 kg	28 - 52 m <sup>2</sup>

Application is best achieved using a squeegee to ensure the product evenly coats the substrate. After the coating is evenly spread over the surface, backroll with a lint-free roller cover to ensure even coverage. Once the coating evenly covers the substrate it is time to freely swirl the roller in a random figure-eight motion to mimic the look of natural stone or rock formations.

## STEP 6: Clear Topcoat

For enhanced durability, smooth texture and/or a semi-gloss or matt finish, the cured 3D Metallic Pigment coating surface can receive a clear topcoat once the metallic coat is tack free.

## 3D Metallic Pigments Colour Chart

The basic colours can be mixed to create customized colours for your project.



Pearlescent



Copper



Violet



Mocha



Sage



Charcoal



Soft Green



Electric



Red Velvet



Brushed Steel



Teal



Burnt Orange



Amethyst



Sea Green



Soft Red



Burnished Gold



Brass



Goldenrod



Amber Yellow



Bright Pink

This colour chart is only by the way of indication. Require a 3D metallic resin sample for a more accurate colour.