

## DESCRIPTION

**Metallic Colour Pigments™** are special effect pigments to create pearlescent and iridescent effects that mimic the natural look of stone and rock formations. These unique pigments are designed to give the coating a shine that reflects light and creates an eye-catching dramatic colour. Metallic Colour Pigments™ Tint Pack is intended to achieve multiple colour hues and designer look coating finishes with excellent colour fastness. These pigments will work with a maximum effect if used in conjunction with our Metallic Epoxy EP100™, which is specifically formulated to enhance the luster of metallic colour pigments and shows extreme patina.

## FEATURES & ADVANTAGES

- Natural stone appearance
- Completely customizable
- Easy field blending & installation
- Multi-dimensional colour hues
- Stylish, unique design
- Suitable for many environments
- Low maintenance system
- Flooring artisan friendly
- Solvent free
- Joint less
- Easy to clean and maintain

## RECOMMENDED USE

- For High-end Decorative finishes
- Metallic Epoxy Floors
- Hallways, Corridors & Hospitals
- Designer Floors
- Showrooms, Garages and Workshops
- Lobbies, Lounges, Nightclubs & Foyers
- Salons, Retail Stores and Wineries
- Shopping Centres and Retail Flooring
- Museums, Office Buildings & Galleries
- Restaurants & Art Centres
- Boutiques, Countertops & more...

## TECHINICAL DATA & CHARACTERISTICS

|                  |   |
|------------------|---|
| APPEARANCE       | Coloured Powder   |
| COLOUR           | Various   |
| VOLUME SOLIDS    | N/A   |
| FINISH           | N/A   |
| COVERAGE         | N/A   |
| MIX RATIO        | 375ml jar per 12L Metallic Epoxy EP100™ kit   |
| PACK SIZES       | 375ml   |
| SPECIFIC GRAVITY | N/A   |
| POT LIFE         | N/A   |
| DRYING TIME      | N/A   |
| RECOAT TIME      | N/A   |
| FULL CURE        | N/A   |
| SHELF LIFE       | 60 months, if properly stored in original unopened containers at temperatures between 10° C and 30°C, away from sunlight. |

\* The pot life time depends on climatic conditions and temperatures.

\*\* Drying times generally depend on air circulation, temperature, film thickness, and application methods. The figures given above are typical with good ventilation, typical film thickness and single coat application.

### SURFACE PREPERATION

All surface preparation has to be carried out to Australian Standard or International Standard. New concrete must be cured for a minimum of 28 days before a coating.

Concrete moisture test should be carried out prior coating application as per Standard ASTM4263 and/ or International Standard. The moisture content should be less than 4%.

Surface to be treated must be structurally sound and the substrate compressive strength should be at least 25MPa. All non-structural cracks, holes and surface deformities should be repaired.

In general, the surface to be treated **MUST** be clean and free of all traces of loose material, dirt, debris, mildew, oil, grease, old coatings, curing compounds, release agents, laitance, dust and other contaminants.

All new or old concrete surfaces should be prepared by mechanical grinding, abrasive blasting, blast-tracking, or any other suitable preparation/cleaning methods. Check if all traces of oil and other contaminations has been completely removed. Sprinkle a few water drops over the surface, if all water is quickly absorbed, the surface is sufficiently oil and grease free. If the water beads up, even in certain areas only, further preparation/cleaning has to be carried out.

For more detailed information, see following standard codes of practice, guides and techniques:

ASTM D4258 Standard practice for surface cleaning concrete for coating

ASTM D4259 Practice for abrading concrete

ASTM D4260 Practice for liquid and gelled acid etching of concrete

ASTM D4262 Test method for pH of chemically cleaned or etched concrete surfaces

ASTM D4263 Test method indicating moisture in concrete by the plastic sheet method

ASTM D4285 Test method for indicating oil or water compresses air

### APPLICATION & GUIDELINES

#### Mixing Metallic Colour Pigments™ Tint Packs

Mix Metallic Colour Pigments™ with Metallic Epoxy EP100™ Part A. Assure whole Metallic Colour Pigments™ Tint Pack is properly emptied. Use a mechanical mixer to distribute the pigments properly and ensure thorough mixing. Avoid aeration when mixing the product, mix for 10 minutes and leave for 20 minutes to allow any aeration to dissipate. Do NOT mix Metallic Colour Pigments™ at the same time with Part A and Part B of two pack systems. Always add Part B later after Metallic Tint Pack has been fully dispersed and any aeration has disappeared. It is recommended to mix Metallic Colour Pigments™ at least 24 hours prior application into Metallic Epoxy EP100™ Part A.

#### Application

Not applicable. Depending on the epoxy kit used.

#### Curing Times

Not applicable. Depending on the epoxy kit used.

#### Cleaning

Clean all equipment immediately after use with Solvent SGP80™ or SLP100™.

#### Coating Maintenance

In general dirt, dust, contaminants, and excessive wear and tear will shorten the life of coating. Keep these areas clean and free from such pollutants and avoid excessive wear and tear. Clean coating regular with warm mild detergent water up to 60°C and rinse with clean water. Do not use abrasive brushes, scouring pads or solvent to clean the coated surface. It is advisable if abnormal wear and tear will occur through moving furniture such as office chairs, keep these areas protected with a protective mat.

#### Compatibility & Suitability

Do NOT mix this product or use this product in combination with any other products or brands. Due to the differences in substrates, material and site conditions, and environmental surrounds, the applicator holds whole responsibility for checking the products suitability for its intended purpose prior application. Only products of the same brand/system should be used in combination as a system.

**PRECAUTIONS**

Safety Data Sheet and Technical Data Sheet must be read before using and opening this product. Keep out of reach of children. Always wear personnel protective equipment (PPE) when handling this product. Keep away from heat and flame. No smoking. Provide adequate ventilation. For more details refer to safety data sheet (SDS).

Do not apply if the air or surface temperature is below 10°C, or if the temperatures are subject to drop below 10°C during applying, or after application within the curing time.

Do not apply if substrate is subject to hydrostatic pressure or rising dampness.

Do not apply if surface is subjected to unusual high temperatures above ambient temperature.

Do not apply if the surface temperature is over 30°C, or if the surface temperature is subject to raise above 30°C during applying, or after application within the curing time, or if relative humidity is suspected to become above 85%.

Do not apply if substrate is subject to rain or moisture, and protect surface at least 24 hours against any water impact, or moisture after application within the curing time. Do not use any product past its pot life. Store locked up, in a cool, dry, well ventilated place, away from sunlight, between 10°C and 30°C. Keep container tightly closed.

**DISCLAIMER**

Do not apply this product if there is uncertainty about application or surface preparation. This Technical Data Sheet is to be used as a guide only; it is NOT a specification. Durable Concrete Coatings Pty Ltd has no control over the use or storage of this product and therefore does not accept liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice, therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesman and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. Due to differences in substrates, application methods and local conditions purchasers of these products must ensure that it is suitable for their specific application before using these products. While the information contained in the TDS and SDS is accurate to the best of our knowledge, Durable Concrete Coatings Pty Ltd cannot guarantee that the information contained is wholly comprehensive. Subject to the provisions of the Trade Practices Act, the Company's liability in relation to defective product shall be limited to replacement of the product, proving the product to be defective. Durable Concrete Coatings Pty Ltd all terms and conditions apply.

Durable Concrete Coatings Pty Ltd | 2/100 Kingston Road, Underwood

QLD 4119 Australia

Landline (07) 3808 2769 | Toll Free 1300 800 054

[info@durableconcretecoatings.com.au](mailto:info@durableconcretecoatings.com.au) | [www.durableconcretecoatings.com.au](http://www.durableconcretecoatings.com.au)