

RESIDENTIAL
& COMMERCIAL

INDUSTRIAL
& MARINE

ART
& CRAFT

SHIMICOAT
SURFACE SOLUTIONS



VINYL FLAKES

Pack Sizes

Pack Size (Kg)
5Kg

Description

SHIMICOAT Flakes also known as “Chips or Flecks” are ideally suitable for Australian climate and are used to enhance all types of residential, commercial, and industrial surfaces, from garages, utility rooms, and basements to high-traffic corridors, restrooms, warehouses, and retail spaces.

Flakes composed of vinyl composite, resin materials, inorganic minerals, mica and various pigments. The product is compatible with most flooring systems such as Epoxy, Urethanes, Polyurea, Polyaspartic and Acrylate. The product is integrally pigmented and coloured with random in shapes and sizes to provide a natural and pleasant look in many designs and appearances to match your décor.

SHIMICOAT color flakes recommended for use as a design element in durable, seamless flooring systems. Our Flakes are the highest performing brand available, and are used to enhance all types of residential, commercial, and industrial environments, from garages, utility rooms, and basements to high-traffic corridors, restrooms, warehouses, and retail spaces.

Colours & Blended Designs

SHIMICOAT offers flakes in three design pattern and styles:

Blended Flakes:

- Domino
- Orbit
- Outback
- Tidal Wave
- Nightfall
- Gravel
- Creekbed
- Hog

Hybrid Flakes:

- Jawbreaker
- Juneau

Marble Flakes:

- Basalt
- Schist
- Pumice

Glitter Accented Flakes: 3% Holographic Glitters

- Domino Glitter
- Orbit Glitter
- Outback Glitter
- Basalt Glitter
- Tidal Wave Glitter
- Nightfall Glitter
- Gravel Glitter
- Schist Glitter
- Creekbed Glitter
- Hog Glitter
- Pumice Glitter



MATERIALS



CHEMICALS



RESINS



EQUIPMENT

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Basecoat colour may have an effect on the shade of flake floor finished surface. Darker Basecoat may make the surface darker flake finish and lighter may assist the appearance of flake floor finish surface to be lighter.

If you like any colour that we may not show on our website or colour chart, simply provide us with something to match and we will produce any blend from any combination of coloured Flakes to your desire.

Coverage

Flakes can be applied in two finishing types:

- Full Broadcast/Bodied (~5Kg/10sqm)
- Partial Broadcast/Sparse (~1Kg/10sqm)

Full broadcast application required scraping and removal of excess flakes and over 40% recovery may be achieved. Full broadcast application is recommended for professional installations.

Features

SHIMICOAT Flakes are supplied in 5Kg bags/boxes to be sufficient for partial flake broadcast of standard double garage. The product is highly UV resistant and ideally suitable for both indoor and outdoor applications. Selected features of SHIMICOAT Flakes:

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|---|--------------------------------------|
| ▪ Decorative and modern | ▪ Colorfast, UV stable pigments |
| ▪ Vibrant colours | ▪ Advanced chemistry Flakes |
| ▪ Volumizing Flakes | ▪ Suitable for Waterbased Resin |
| ▪ Many design and blends to choose from | ▪ Suitable for Solvent Based Resin |
| ▪ Stylish Stiped blends available | ▪ Free flowing and easy to broadcast |
| ▪ Custom design to match any décor | ▪ Conventional packaging of 5Kg/Box |
| ▪ Tough & Durable | ▪ Economical Floors |
| ▪ Hide subsurface imperfection | ▪ Non-flammable |
| ▪ Easy to install | ▪ Optimal flexibility & strength |
| ▪ Easy to maintain | ▪ Forgiving application |
| ▪ Full or Partial Flake/Chip System | ▪ Fast turnaround times |
| ▪ Appearance of Granite, Marble or Terrazzo | ▪ Lab tested resin compatibility |
| ▪ Seamless & Hygienic | ▪ Suitable in many environments |
| ▪ Functional & Easy to Clean | ▪ Diligent Quality Control program |
| ▪ Fire resistant | ▪ Hide sub-surface imperfections |

SHIMICOAT Volumizing Flakes

SHIMICOAT Flakes are more value for your money due to super low packing density and maximum surface area of the product. A 5Kg box of SHIMICOAT Flakes is almost 10Lt in volume while many other Flakes in the marketplace are half of this volume, some even less than half. This feature offers lighter density Flakes and greater contact surface with Epoxy coating hence double the value for your money, double coverage.

This unique product is random in shape, sized within a standardized range and custom blended to match any décor. SHIMICOAT Volumizing Flakes are continuing to gain popularity amongst architects, designers, contractors and consumers, because of their unique properties that deliver complete customization to commercial, residential and industrial floors with an endless range color-styles, texture, size and blending options.

FEATURES	BENEFITS
DURABLE	Resinous flooring systems provide superior chemical and abrasion resistance over pre-engineered floors.
DECORATIVE	Enhance your high-performance flooring environment by adding custom color and texture to complement any décor.
ECONOMICAL	SHIMICOAT resinous flooring systems provide a cost-effective alternative to pre-engineered floors. SHIMICOAT Flakes are volumizing with double the coverage of standard Flakes.
SAFE	SHIMICOAT resinous flooring media provides a unique texture that increases the slip-resistance and safety.
CLEAN	Resinous flooring systems are wax free and economical to upkeep with soap and water.
MONOLITHIC	Resinous flooring provides a seamless flow of wall-to-wall beauty that won't collect dirt, moisture, or germs.
LOW SOUND	Resinous flooring systems provide a seamless and flexible surface that deadens the noise of foot traffic and carts.
RENEWABLE	After years of use, efficiently revitalize your resinous flooring system by sanding the surface and applying a new topcoat.

SHIMICOAT FLAKE PERFORMANCE SPECIFICATIONS	
Attribute	Properties
Box/Bag Weight	5Kg Net
Box Dimensions	20cm X 20cm X 30cm
Materials	Vinyl Flakes
Flake Sizes	1/4" (6.35mm)
Colour	Available in Blended, Hybrid & Marble Finish
Shape	Random
Surface Texture	Smooth
Applications	Epoxy Flake Floor Finishing System
Packing Density	1-1.2 Kg/Lt
Other Properties	Chemical / Water / Heat / UV Resistant - Non-toxic
Solubility	Insoluble in Water, Oil and many other liquid media

Applications

Complete surface preparations in accordance to SHIMICOAT procedure. Apply basecoat epoxy and while wet, broadcast flakes full broadcast or partial broadcast (evenly) over the surface and let the flakes to sit on wet surface and embedded into epoxy body. Let it cure, then apply clear topcoat polyurethane. The product is dusty, handle carefully and use dust mask and gloves when broadcasting. SHIMICOAT Flake Floors can be installed in many indoor and outdoor floors:

- Garage floors
- Shops
- Warehouses
- Kitchen
- Laundries
- Offices
- Schools
- Showrooms
- Swimming Pool Surrounding
- Food Processing Plants