

## COMPOSITION

- Primer and colored base coatings
- PVA Flake, tinted base coat
- Clear topcoat including our light-stable polyaspartic
- Anti-Slip Additive for slip resistance (optional)
- Available with Biocote® antimicrobial technology. Inquire with an Optus Representative for details

## COMMON OPTUS PRODUCTS USED IN FLAKE SYSTEM

- Resicote CS Primer
- OPTI-BASE
- Resicote HS85
- $\frac{1}{16}$ " |  $\frac{1}{8}$ " |  $\frac{1}{4}$ " | Hybrid | Terrazzo | Marble | PVC Flake
- Aluminum Oxide or Easy Foot (for traction)

## THICKNESS

Minimum 450 Micron (0.8mm)

Maximum To suit level of substrate

## COLORS

Refer to the Color Chart on the Optus Resin Website.

## CHEMICAL RESISTANCE

Refer to Optus Technical Bulletin 9: Chemical Resistance Guideline.

## SHELF LIFE

1 Year from Date of Manufacture on Packaging, provided unopened.

## STORAGE

Store in a dry environment at room temperature and out of direct sunlight.

## PRODUCT DESCRIPTION

OPTI-FLAKE is a durable and visually appealing solution, ideal for environments where high strength and scratch resistance are essential. Applied to a concrete substrate, the treatment produces a finish that is either smooth or textured with a grit additive for anti-slip. This can be enhanced by the addition of high friction white aluminum oxide. This system is easy to clean and well-suited for a wide range of settings, including retail spaces, reception areas, garages, kennels, hospitals, and more.

With a variety of flake colors and coverage options available, the final appearance can be customized to match individual preferences—ranging from light coverage to a fully flaked surface.

## TYPICAL USES

- Garages
- Schools
- Mechanic Bays
- Restrooms
- Hospitals
- Grocery Stores
- Car Dealership/Showroom
- Commercial Kitchens
- Laundromats
- Kennels

## PREPARATION

The system comprises a number of Optus products and separate reference should be made to the installation procedures and safety precautions for each. These cover the important issue of concrete preparation ahead of installation.

For a quality decorative flake flooring a perfectly smooth and level substrate is important. Refer to OptusTech TDS for additional installation information.

## APPLICATION

**Note: It can be advantageous to wear spiked shoes when undertaking flake applications.**

Immediately following application of the base layer the flake should be broadcast evenly over the surface to either full or partial coverage as specified above.

If full coverage is required it is important to check for any bare patches and apply more flake. The action required of a full flake application is to broadcast the flake horizontally and slightly downwards **similar to "feeding chickens"** allowing the flake to spread out evenly.

For a partial flake the smaller volumes of flake must be thrown upwards enabling them to flutter onto the ground naturally **being careful to not create clumps on the floor.**

Allow flaked base to harden.

Use a leaf blower to blow any loose flake to a corner, pick up and place flake in empty box. Use a floor scraper across the entire floor to achieve a smooth finish. Vacuum entire floor with proper vacuum attachment removing all loose flake. Some of the loose flake may be suitable for reuse. (typically if reusing flake it is best to only reuse pickups 1 times). **Always remember do not intermix pickups with new flake on the same floor.**