

## HYPER FLAKE SIGNATURE SERIES

Coverage rates may vary depending on the porosity of the substrate.

## 1 Primer Coat

When doing a Primer Coat for a Hyper Flake System it is important that you roll your epoxy out at 4-6m<sup>2</sup>/L with 5% 150 Epoxy Thinners. This will help keep the thickness of the epoxy as the base coat will need to be kept thin as explained further below (Please note that this is generally dependent on the porosity of the substrate).

Backrolling is an important process to ensure a smooth and even application. Backrolling refers to the process of using a roller to go over the freshly applied epoxy coating in order to remove any roller marks, eliminate uneven puddling, and create a consistent framework for the following steps of the installation process.

## 2 Base Coat

**A thin and even base coat is recommended**

If the base coat is too thick, the finer flakes will sink and disappear into the epoxy, having a thin coat of epoxy will ensure the flake stays above the coating and provides an even finish.

If the flake has soaked into sections of the floor it will be noticeable when scraping, as this will leave variations in colour that are clearly visible to the eye.

We recommend adding more thinners to help stop the flakes from soaking into the base coat. This will reduce the viscosity, and help achieve that thin base coat with no lap marks. Lap marks are created when the roller pushes excess coatings into a line on front or the sides of the roller.

## 3 Flaking

**When flaking it is important to remember that a more generous broadcast of flake will achieve better results.**

The suggested spread rate of Hyper Flake Signature Series is 8-12m<sup>2</sup> per box.

While flaking, it is imperative to ensure there are no missed or light patches, as these will show through in the finished result.

At the drying stage, Hyper Flake is especially vulnerable to, sliding on spike shoes, animals, dirty boots, wet shoes or feet, and the environment/weather.

NOTE: Refer to individual TDS & SDS for mixing instructions, pot life, recommended PPE during preparation & application of products.

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## 4 Scrape and Vacuum

Uneven pressure or missed sections may result in a patchy finish. This can be due to low points in the concrete where the scraper does not have enough pressure applied; this will cause an uneven texture that will be visible to the eye.

Cross scraping is a very important step in preparing the floor for the top coats. Ensuring you are scraping both north to south and east to west, using the same pressure across the floor in both directions will help avoid the above.

**Raw flake in the cured stage is vulnerable to marking and flattening.** This can be caused by dirt, black boots, and machine wheels.

This can be avoided by;

- Wear spike shoes throughout the whole application
- Only wear socks over the dry flake prior to top coating
- Avoid rolling your vacuum across the flaked floor by using a longer vacuum hose.

Hyper Flake can not be sanded without an entrapment coat applied first as you run the risk of sanding through the flake given the nature and make-up of the Hyper Flake. Heavy scraping or brooming is best. However, once a top coat has been applied you can sand, especially if wanting to achieve a Diamond finish.

## 5 Top Coats

**Remember, it is easier to add more product to the floor than it is to remove it.**

It is recommended to cut in around the edges as you roll out the top coat, ensuring you keep a wet edge. Then, pour the product across the floor in ribbons, making sure to only pour the amount of product that is needed, rather than what is calculated.

Wearing spikes use a cross-hatch technique, rolling in both directions until an even coat is achieved.

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