



Dry Metal Flake Application Guide

We want to thank you for purchasing our products. We really appreciate your business. So, Thank you.

This guide covers applying metal flake using all 3 of our dry metal flake guns - 1000, 550 Mini & 500 Airbrush.

Before we start, we need to just point out a few things that you need to remember.

1). Air Pressure

All 3 guns will empty their jars within seconds if the air pressure is too high (**You have been warned!**) even the mini's using airbrush compressors pressures - so you need to turn it down before you start.

2). Runs

Runs occur when too much material is applied in a single or multiple "application".

We have found that by putting a grip (light) coat of your chosen clear on and letting it flash off, where it is no longer "truly sticky" helps reduce this.

Metal Flake will give you different results depending on many factors, size of flake, amount of flake applied, base colours before flake applied. So please test as much as you can, so that you know the result that you want or your customer desires.

It is worth noting that we have tested our guns with water and solvent base products. They all worked, but some required more coats than others.

Get your equipment prepared, clears mixed, jars filled, air pressure turned down on the flake guns, etc.

1). Prep your item as you would normally if applying a paint.

2). Always apply a light/grip coat of your preferred clear first and wait until it is just touch dry. (this helps give a key and reduces the risk of runs).

It is best to start with edges and faces that you may miss.

3). Apply a wet coat of clear.



4). As soon as the wet coat is on switch over to the flake gun.

Apply as much flake as you can until you see it "bouncing off".



This next stage is important - leave that coat to go a little beyond flashing off, applying too much clear and more flake at this stage could cause runs or sags (this is related to the size and weight of flake)



When the next coat is ready to be applied repeat processes 3). and 4.).

You can repeat steps 3 and 4 as many times as your clear coat allows.

Please check the manufacturers recommendations. Applying too much product may result in a breakdown. The results could be, loss of adhesion or shrinkage resulting in cracking.



The image you see here was the trial of our very first dry flake gun. The coverage is from a single application of flake.

Please turn over for more words of wisdom...



You will need to apply a number of coats of clear to fully bury the flake, this number will vary greatly dependent upon size of flake. Remember to follow the manufacturers recommended guidelines.

If you have to multi stage clear - By this we mean apply a few multiple coats at multiple individual times.

Always ensure that you carefully prep the product, we recommend something equivalent to a grey scotchbrite that will provide enough key for the clear coats to adhere properly.

Be careful not to use something that will cut through the clears and damage the coatings of the flake. it is not that bad on a silver flake but it certainly is on a coloured flake.



We hope that you have benefitted from this little instruction leaflet. If you have and want join our Flake King family please check out our social media...



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