

# IbbotsonFlake, Metallic Metal Flakes

## PLEASE READ BEFORE USING OUR FLAKES IMPORTANT MIXING INFORMATION

### IF YOU ARE UNSURE PLEASE ASK

#### Disclaimer

Please note when using any metal flake colours with 2 PAK PAINTS AND THINNERS you must make sure that the hardener is measured out correctly and then thinned and well mixed, only then do you add the flake and mix in well before spraying. **Ibbotsonflake** will not be held responsible for your mistakes. Do not add any type of fast drying additives as this will effect the polyester coating on the aluminium flake. Once the polyester coating has been stripped away this then leaves the flake prone to discolouration from the solvents. As **Ibbotsonflake** cannot control how you mix your paints we will not be held accountable for any problems you have due to your mixing mistakes, we hope you understand this.

#### Standard Metal Flake

Use 20-25% / 20-25grams metal flake mixed into 1 litre of Cellulose, Acrylic, or water-based clear coat. Mix thoroughly for 10 mins and thin to required consistency. ONLY ADDING THE FLAKE AFTER YOU HAVE THINNED AND WELL MIXED THE CLEAR COAT.

#### Rainbow Flake

These flakes are mainly to be used in water-based lacquers. They can be used in cellulose and acrylic paints but must be used as soon as possible after mixing. Only mix the required amount as the shelf life of this product is short when mixed into the cellulose/acrylic. A high flake finish is obtained by multiple layers of lacquers being sprayed, not by adding more flake to the lacquer. If you mix more than 20-25% OR 20-25 grams of flake in, you risk the gun clogging up or spitting. If this happens you will have to re-prep.

#### Gun Requirements

All metal flake supplied by us will go through std spray gun nozzles, i.e. 200 micron 1.2 size nozzle, 400 micron 1.4 size nozzle, 800 micron 2.0mm size nozzle. Compression needs to be used on 2-3 bar pressure no more. The flake needs to be floated on to stop bounce. It is recommended to use gravity fed guns, we find these a lot better to use. We would also recommend using stainless steel ball bearings in the paint cup while painting as this agitates the flake and keeps it well mixed.

These items are available from all good paint suppliers or can be bought online from [www.machinemart.co.uk](http://www.machinemart.co.uk)

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#### Oversize Flakes & Star Cut 800 Micron / 2.5mm

To paint oversize flakes and star cut flake in our experience you will need to change the painting nozzle of your spray gun. You may get away with using standard equipment but you stand a chance that the gun will clogg up while spraying. A nozzle of around 1.4 to 1.8mm would be ideal. These are available from all good paint suppliers or can be bought online from [www.machinemart.co.uk](http://www.machinemart.co.uk)

The same principles apply to over size flake spraying as to the normal sizes. Lower air pressure is needed, around 2 bar, the flake will mix in to any type of clear coat you want to use, it is 100% light safe and will not deteriorate and fade like other cheaper flakes.

Due to the size of these flakes you need to use less, we advise between 10 and 15% or 10g to 15g only, into 1 litre of any type of clear coat. Mix well and then thinned to your requirements, sprayed with as many coats as you want to achieve the required flake finish.

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**Ibbotson**  
**flake**