



The AVKO[®] essential guide to mixing your own paint.

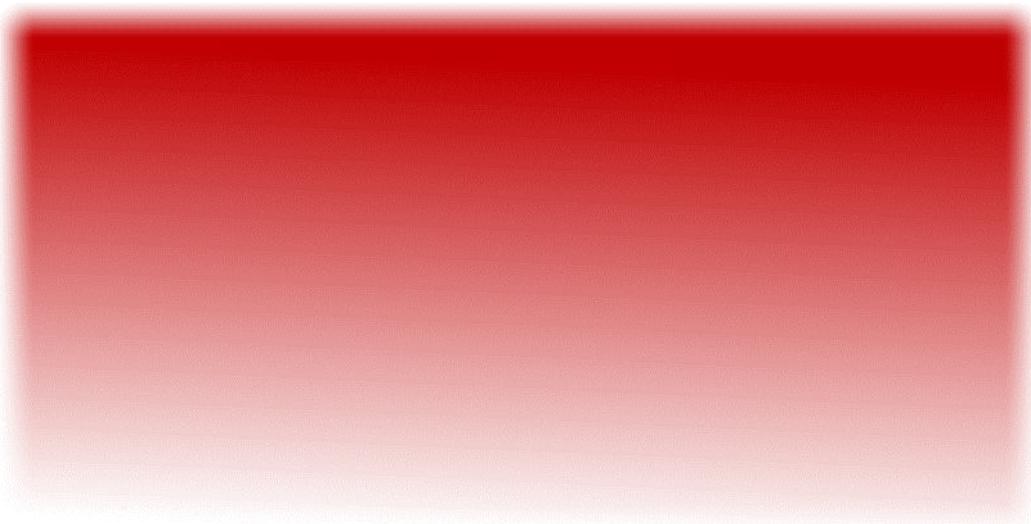
The advantages of mixing your own paint can be beneficial, so we have included all the information you need to know in this helpful guide.

- Over 10,000 colour formulations already loaded
- Exact quantities measured
- Short mixing times
- Reduced costing
- Reduced paint wastage
- Quicker inspection times
- Increased production
- Greater range of high quality colours can be produced
- Quicker delivery on lead times

We would supply you with the 16 standard tinters (base is in the tinter), you will need all 16 standard tinters as each colour you mix will be made up of 4 or 5 different pigments. You can then have the three silver metallics (91, 92&93), pearl white and star gold should you wish. The three metallic, pearl white and star gold are not able to go into an automated system due to the metallic particles. There is an option to have 4 manual dispensers attached to the automated machine. This can be discussed with the supplier.

You will have some pigments that are used more than others, so once you have the complete set you will find that some of them will not need reordering as quickly as others. The 119 pearl white, metallic 91, 92, 93 silver and Star Gold may not need to be ordered straight away as these are only used to make pearlescent and metallic colours.





The paint you mix will consist of the pigment, any additives, and then the thinner. The hardener is then added when you are ready to spray. Whatever route you decided to take, please call us to discuss. We can also look at start up packages to suit you. This will be subject to terms and conditions.

Largo Tint 2000

Largo Tint is the software we use to hold all the formulations of colours we have mixed. We will provide the Largo Tint software for mixing scheme customers along with an information guide. Updates are sent out regularly for Largo Tint to provide you with any new formulations we have produced. You are able to add new formulations into Largo Tint yourself as well, details of this will be provided in the information guide.

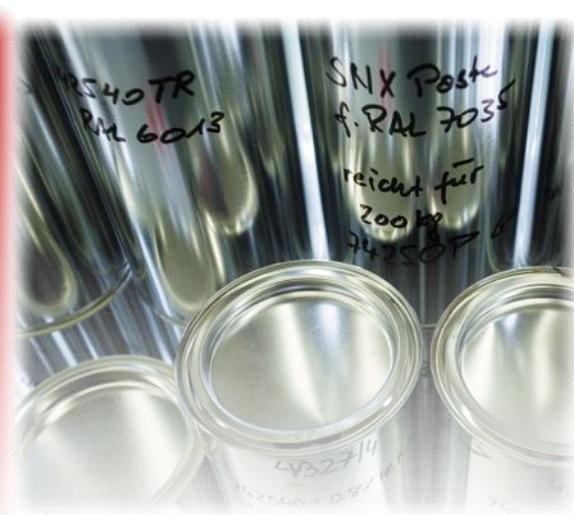
If there is a formulation you require that is not in Largo Tint then all you need to do is provide us with an email for a formula request. From this we will mix the colour to obtain a formula. Once the colour is matched we will email you through the formulation. We will also provide you with all the mixing sheets to achieve all of our finishes, which will tell you how much paint, additive, thinner and hardener is required.

If you have decided that mixing your own paint is the best option for your company, here are some options for you to consider.



Getting the right equipment

1) Stirring Mixing Bank



A stirring mixing bank (16 or 24 tinters) alongside an electronic set of scales (measuring to a minimum of a tenth of a gram- 0.1g). An ideal maximum weight would be over 10 kilos but up to 6 kilos would be ok depending on the volume to be mixed.

The stirring bank will need a minimum of 16 stirring heads for 3 litre tins. You will also require stirring lids to go onto the 3 litre tins. A good set of scales will be in the region of £325 plus vat (approximately), measuring down to 0.1 of a gram.

Manual 16 Tinter Stirring Mixing Bank

- PA4 Perfitall (non-Atex) 16 x 3lt Mixing Machine Including Heads and Paddles approximately £1050 plus VAT.

Manual 24 Tinter Stirring Mixing Bank

- PA4 Perfitall (non-Atex) 24 x 3lt Mixing Machine including Heads and Paddles approximately £1150 plus VAT
- Santint ES7000 Scale 7000G (7Kilos) approximately £325 plus vat
- Biuged ES-15k Scale reading at 0.1g approximately £1187.10 plus vat.
NOTE: if you are looking at mixing up to this weight it maybe worth considering looking at an automatic machine.





2) Automated Dispensing Machine

An automated dispensing machine along with a shaker.

1) **A2 Automatic Sequential Machine (Santint)**

- Sequential dispensing machine with 16 1.8ltr Canisters. Manual Can Shelf and USB connection approximately £3208.86 plus vat
- Dispenses the pigments individually
- A good machine for smaller amounts
- You can have manual dispensers attached to the machine for the metallic and pearl pigments as it is not advisable for these to go through the main dispenser
- Approximately £45 plus vat delivery charge



2) **A0200 Automatic Dispenser (Santint) Simultaneous Dispensing**

- Simultaneous dispense machine with 4 x 4.5ltr and 12 x 2.5lt canisters. Dispenses the pigments all at the same time, so quick. Manual Shelf and USB Connection. Approximately £4582.86 plus vat
- Recirculation System – to keep the pigments moving (Recommended) approximately £450 plus vat
- Automatic Can Shelf useful if you are doing larger volumes – (Optional) Approximately £350 plus vat
- Total cost for with options included approximately £5382.86 plus vat
- Approximately You can have manual dispensers attached to the machine for the metallic and pearl pigments as it is not advisable for these to go through the machine itself
- Approximately £45 plus vat delivery charge



2) Automated Dispensing Machine continued...



3) Shaker (Santint) to mix the colour together once it's been poured

- It's not essential to have one of these. It makes it easier to mix up the colours once they have been poured
- S5 Automatic Clamp Shaker approximately £2191 plus vat
- Approximately £45 plus vat delivery charge



If you were going down the automated dispenser route, you will need a computer by the machine to operate it and the supplier will provide you with the link between Largo Tint and the Dispenser. This set up can be done via Skype or over the phone.

- AOC 19" monitor Approximately £145 plus vat
- Logitech wireless keyboard and mouse approximately £35 plus vat

3) Stirring Mixing Bank, Automated Dispenser and a shaker



You could also have a stirring mixing bank, alongside an automated dispenser and a shaker. This would be the luxury option. You have the mixing bank as a manual back up/option.

We can put you in contact with the supplier for further discussions.

Useful points of contact

- ❑ Safety Kleen – 0208 4909084. This would be for a gun cleaning system
- ❑ A gravity fed gun is recommended. Something like a Devilbiss HD Conventional or CFG HD Conventional. Nozzle sizes would be a 1.4mm – 1.6mm. (No smaller). These can be purchased from AVKO
- ❑ Spray Booths – they are lots of firms that can supply these and there are a lot you can source via Ebay. RDM Engineering 0845 5059333 or Dalby 0116 2916000 should be able to give you some ideas

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