

THE NEW GENERATION COLOURANT SYSTEM







Mastermix System

Universal System

Binder System

Balanced System

Mastermix Basecoat Technology

Colour Documentation & Software

Touch Up Paint Repair System

USE MASTERMIX TO RUN YOUR BUSINESS BEST SUITED TO YOUR SPECIFIC NEEDS. A COMPLETE RANGE OF COLOURANTS DESIGNED TO BRING YOU COLOUR CONSISTENCY ACROSS VARIOUS TECHNOLOGIES

Mastermix is separated into two distinct systems:







A "New Generation" Universal Colourant system designed to produce solid colours in three technologies namely: Polyurethane, Alkyd & Nitrocellulose. To achieve these technologies a range of Universal Colourants have been developed for use with three binders.

Basecoat technology which incorporates Basecoat Colourants with Basecoat binder.



Mastermix Universal Colourant Technology (UCR)

The "New Generation" system consists of the following:

-  19 Universal Colourants, including two silvers (fine and coarse)
-  1 kg packs make the system user friendly and easy to use
-  3 Lead free toner options included for solid colours
-  The Universal Colourant range includes a concentrated white colourant to easily correct overshooting and reduce wastage
-  Mixing banks will be configured differently based on your specific requirements
-  Mixing bank stickers are available for balanced systems in each technology

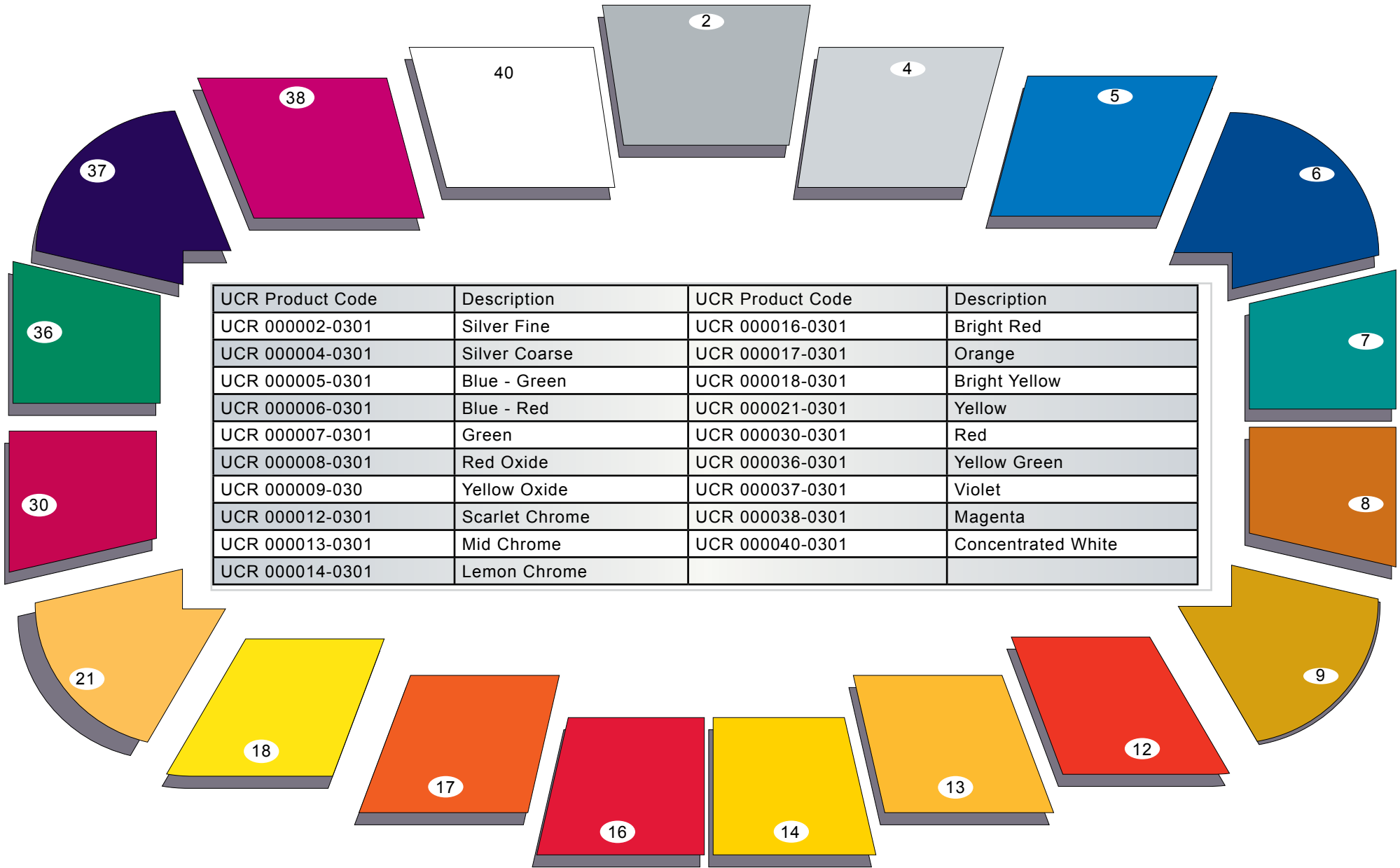


Benefits of the Mastermix System:

- Mastermix Savings in stock holding and space
- Mastermix Accurate colour recipes formulated in each technology
- Mastermix Colour formulations have been developed taking cost and colour accuracy into account
- Mastermix Greater colour space and tinting capabilities
- Mastermix Clean colourants to mix a wide range of colours
- Mastermix High quality pigments to ensure a long lasting finish
- Mastermix Good coverage
- Mastermix Using the Mastermix recipe prevents metamerism from occurring
- Mastermix Excellent in-can stability
- Mastermix Ease of use (Simplicity)
- Mastermix Multiple Formulation search methods. (Manufacturer details, Colour group,...)
- Mastermix Accurate Pricing options
- Mastermix Colour grouping
- Mastermix Volume changes
- Mastermix Technical Datasheets
- Mastermix Colour formulations for multiple technologies
 - 2K, Nitrocellulose, Alkyd (2500 plus formulas): South African Car Colours, Standard SABS, Standard RAL, Fleet and Miscellaneous
 - Basecoat (4700 plus formulas): South African Car Colours, International Car Colours, Fleet on request.



THE NEW GENERATION OF UNIVERSAL COLOURANTS



UCR Product Code	Description	UCR Product Code	Description
UCR 000002-0301	Silver Fine	UCR 000016-0301	Bright Red
UCR 000004-0301	Silver Coarse	UCR 000017-0301	Orange
UCR 000005-0301	Blue - Green	UCR 000018-0301	Bright Yellow
UCR 000006-0301	Blue - Red	UCR 000021-0301	Yellow
UCR 000007-0301	Green	UCR 000030-0301	Red
UCR 000008-0301	Red Oxide	UCR 000036-0301	Yellow Green
UCR 000009-030	Yellow Oxide	UCR 000037-0301	Violet
UCR 000012-0301	Scarlet Chrome	UCR 000038-0301	Magenta
UCR 000013-0301	Mid Chrome	UCR 000040-0301	Concentrated White
UCR 000014-0301	Lemon Chrome		



Mastermix Universal Colourants compliment the following three technologies:

Plascon 2K Binder Technology (PTK)

3kg Binder code: PTK 000400-0303

With proven ability to meet the growing demand for an affordable refinishing brand, Plascon 2K offers high gloss, excellent flow, high durability and good coverage – features which ensure 2K's popularity with professional refinishers.

The 2K range of products also consists of white, black, clear, 4:1 MS primer, hardeners and thinners.

Formulations are available for SA Car Colours, RAL as well as SABS Colours.



Flowline Binder Technology (KNL)

3kg Binder code: KNL 000400-0303

A fast drying, superior quality nitrocellulose with exceptional flow properties, the Flowline range is ideal for use on surfaces requiring a durable, high gloss finish.

The Flowline range of products also consists of white, finishing black, matt black, clear, primer and thinner.

Formulations are available for RAL and SABS Colours.



Cargoline Binder Technology (SAS)

3kg Binder code: SAS 000400-0303

This multi purpose air dry enamel coating is well suited to a variety of automotive and light industrial applications. Based on a unique alkyd resin, Cargoline has been formulated to show off its best colours outdoors. It provides added protection and is the perfect enamel finish for commercial vehicles and other valuable equipment. With high quality standards this product provides excellent coverage, long lasting gloss and quick drying properties.

The Cargoline range of products also consists of white, black, clear and thinner.

Formulations are available for RAL and SABS Colours.



THE BALANCED SYSTEM

The “New Generation” Mastermix Universal Colourant system may be used as a balanced system or a binder system, depending on your particular requirements.

The tinting system is comprised of:



A Universal set of Mastermix Colourants consisting of 19 solid colour toners which can be used for tinting 2K, Cargoline and Flowline products which are now **very easy to balance**.

A FLEXIBLE SYSTEM

As requirements change from distributor to distributor, some technologies may be mixed more frequently than others. You now have the ability to:

- 1) Use the system as a binder system for all technologies
- 2) Balance a technology of your choice and use the binder system for the other technologies

Some users prefer to match by eye rather than using formulations. With the new Mastermix system, you are given the flexibility to choose.



THE BALANCED SYSTEM



Easy to balance as all colourants have the same mixing ratio:
1kg colourant: 3kg binder



Binders are packaged in 3kg for easier handling



Less wastage



Toners are strength controlled



Colours are easy to trace tint



Formulations available



When making large quantities of paint, a recipe saves time & money



Larger packs of binder are available on request for mixing of larger quantities

MASTERMIX BASECOAT TECHNOLOGY

Mastermix Basecoat Colourants can only be used with the Basecoat Binder:



Basecoat Binder Technology (OBR)

5L Binder code: OBR 000 401-0005

An economical and reliable system delivering the perfect finish. Easy to apply with a smooth lay down offering excellent coverage and is suited to panel and overall repairs. The comprehensive range of basecoat colourants provides refinishers with the ultimate colour matching capability to satisfy the needs of the passenger vehicle refinishing market.

This technology comprises:



Using the binders and colourants, accurate colours can be achieved, using Kansai Plascon Automotive Coatings formulation software.

Colour Documentation available for the Mastermix System

- South African Car Colours for Effect and non-effect colours
- Colour wheel for non Effect Colours
- Toner guide/Mix fan for Basecoats
- Toner guide/Mix fan for Effect Colours
- Mixing Bank stickers
- Global Colour tool for International colours (Effect and non-effect)



Software available for the Mastermix System

Kansai Plascon Automotive Coatings refinish software offers:

- SABS, RAL, SA Car Colour formulations available in 2K, nitrocellulose and alkyd for solid colours
- SA and International car colour formulations for basecoats
- Accurate formulation costs
- Pricing, job cards & stock control
- Technical datasheets which can also be downloaded from www.plascon-automotive.co.za
- Lead free formulas are available



THE TOUCH UP PAINT REPAIR SYSTEM

An added benefit of having the Mastermix system is that it may be used with the Touch Up Paint Repair System.

The Touch Up Paint Repair system offers a complete range of paint products in aerosol cans, from Primers to 2K Clear coats. With this system, professional and cost effective paint repairs can now be carried out on small areas.

The system enables the distributor to fill into an aerosol can, any desired colour in various technologies and in the appropriate quantities. The aerosol filling technology unifies several patented innovations and excellent paint finishes can be achieved, which up to now would only have been made possible with a spray gun.

How the Touch Up filling process works

The filling machine is the heart of the system. Original car colour tones, originating from the Mastermix mixing system are filled using the patented filling device, into a Plascon Touch Up aerosol can that is equipped with a specific propellant and solvent, depending on the paint technology that is required for the repair. The mixed colour that is filled into the aerosol can originates using toners and colourants from the Mastermix mixing system, and the can cap acts as a filling cylinder which indicates the colour that has been filled into the can.



1 Make up the paint formulation from the Mastermix system. Check the colour and stir the mixed paint



2 Insert the disc into the filling machine



3 Place the cap into the cylinder and press down



4 Fill the mixed paint into the cylinder



5 Secure the aerosol can into the filling machine and close the door



6 Closing the door of the machine initiates the filling process



7 Take off the cylinder and cap and replace the nozzle onto the aerosol can



8 Shake the can, check for colour and clean the valve



9 The disc remains in the cap and thus generates the colour print

Products that can be filled
with the available range

Touch Up
Custom Spray Solution

Air Dry Enamel



Plascon
Cargoline
Topcoats



Single Pack



Plascon Flowline
Topcoats and
Etch Primer Range

2K Topcoat



Plascon 2K
Topcoats and
Clearcoat

Basecoat



Mastermix
Colourants and
Basecoat Toners

2K Primer



Plascon
2K 4:1 MS
Primer




**KANSAI
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Master mix® is marketed by Kansai Plascon Automotive Coatings and distributed through authorised distributors. For more information on the Master mix® range of products contact Kansai Plascon Automotive Coatings on (011) 861 0300 or visit us on www.plascon-automotive.co.za

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