

Mipa BC Mixing System

Successful Car Refinishing

mipa

Professional Coating Systems





Car and design - a world full of effects

Car and design have become integral elements nowadays featuring forms, surfaces and colours. A variety of brilliant colours and special effects are increasingly being used to enhance **modern day and age** cars.





Outstanding quality for permanent beauty

These finishes are obtained by using **newly innovated pigments** and by multi-coated metallic-, pearl-, effect and solid colour-paintwork. The base-coat provides the colour in combination with tinted and adapted under-coats. The predominantly high-gloss clearcoats provide the necessary protection and brilliant finish. The basecoat-system Mipa BC fully com-plies with this development. With the lowest possible number of mixing tinters the complete colour spectrum of clear-over-base and effect-paint-work is covered.



Brilliant quality with Mipa BC

High efficiency, exact and brilliant colours, that can be found quickly and easily in the **Mipa Color System**, as well as smooth and easy application topcoated with Mipa 2K-MS- and HS-Clearcoats result in **a top class paint system**.

MIPA COLOR SYSTEM



A modern High-Tech-System with many compelling advantages

Economical use, reduction of solvents, exact colours, permanent brilliance - these aims can only be reached by the choice of modern raw materials of highest quality. Mipa has carefully developed a stable and reliable mixing system Mipa BC, that at the same time is already prepared for future demands. Only the **modern structure of Mipa BC** will create a large number of advantages for the enduser:

Smooth and trouble-free application

Painting with Mipa BC can be done **without complications** and demands no special technique. Aluminiumparts and pearl-pigments adjust themselves easily, in order to create an extremely smooth surface, allowing clearcoats to retain high brilliance. Cloudiness of the basecoat is a nightmare of the past.

Fast drying

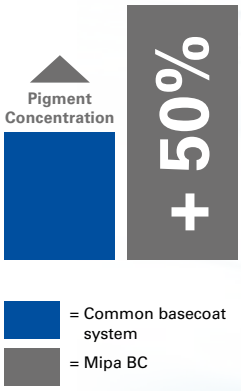
Mipa BC basecoat has very fast drying characteristics and can quickly be overcoated with clearcoat. The surface dries semi-matt and especially smooth, allowing optimum flow of the clearcoat. It can be masked and taped significantly earlier, in order to make multi-colour-paintwork possible **less in time**.



Superior coverage

Compared with common basecoat-systems Mipa BC shows a **significantly higher pigment-concentration**. Especially with pearl-effect-colours, but also with other problematic colours, **Mipa BC** has therefore **superior covering power** over other systems.

Shaded primers are in most cases not necessary, while repairs or recoating can be done **safely and easily**.



The advantages of Mipa BC

The excellent features of Mipa BC lead to a significantly lower consumption of material. Because of the increased covering power the basecoat consumption is decreasing, because of the smooth basecoat-surface less clearcoat is necessary to get a perfectly glossy and smooth surface.

Through the decreasing material consumption but also because of the significantly increased solid-content, the total output of solvents is reduced by far. Mipa BC therefore reaches **a significant reduction in solvent emissions** within solvent-based systems.





The safe way to exact colour shades

In no other **colour segment finding** the correct colour is as difficult as it is with effect colours. Colour codes on the vehicle, colour cards and formulations often only partly compare with each other, as colour and effect are influenced by environmental factors, colour variants, painting technique or by overcoating with clearcoat. Mipa reduces the unlimited amount of possible variants to a minimum in a colour card produced with original paint and sorted according to colour groups.

For finding a colour, no difficult „jumping“ between basic colour cards, annual colour cards and variant cards is necessary any longer. All colours are shown in one single colour card system. The colour shades are graded according to the **following scheme**:

MIPA COLOR SYSTEM

B7 - 341 - 60

Basecoat system | Colour group according to RAL | Colour code

Without „lucky shots“

Mipa **secures** the matching between formulations of Mipa BC and the corresponding colour card of Mipa Color System. On this way the user reaches a high efficiency of the colour search **without “lucky shots“**.



Mipa Clearcoats

For the **perfect finish** and a permanent protection of Mipa BC basecoat overcoating with Mipa 2K-Clearcoats is of course necessary. Depending on application, quality requirements and climatic conditions a wide range of acrylic clearcoats in MS- and HS-quality are available. In combination with a versatile range of hardeners every requirement can be met.

Also in Mipa 2K-Clearcoats only the best raw materials are used, warranting brilliant, smooth and extremely weather resistant surfaces. Highly effective UV-filters result in excellent protection of basecoat and clearcoat. Large scale comparison tests show that Mipa clearcoats are among **the best in the car refinishing market**.



Mipa BC-Thinners

These especially for the use in Mipa BC-System developed thinners are an integral part of the mixing system. Already in the computer formulation a certain ratio is incorporated. After having mixed the formulation according to the computer the viscosity is adjusted with Mipa BC-Thinners. Depending on climatic conditions and application different versions of Mipa BC-Thinner are available.





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