

REAL COLORS® MARKERS

PAINTING THE FUTURE WITH REMARKABLE PRODUCTS



AK

ACRYLIC PAINT MARKER FOR MODELING. FAST DRY, WATERPROOF.

REAL COLORS® MARKERS

Until now, the most important tools for painting a scale model have been the airbrush and the paintbrush. Now, we're adding a new element to this equation. We introduce a new way of approaching painting in modeling.

INTRODUCTION

In our hobby, we can find acrylic paints, enamels, lacquers, waxes, etc., and for their application, we use the brush, the airbrush, and the sprayer. Without having a line specifically developed to meet the needs of modelers, some have occasionally used markers from the fine arts and crafts sector to experiment on scale models; sometimes with alcohol-based or permanent markers and always with standard colors that do not meet expectations or limit finishes and do not offer much resistance to subsequent treatments.

School markers and those from fine arts are designed to paint on surfaces such as paper, wood, fabric, etc. Therefore, their use on plastic or resin does not yield good results since their adhesion, coverage, and resistance are very limited.

From now on, we will have specific acrylic markers for modeling with ideal characteristics for working on scale models.



CONCEPT

"The mind that opens to a new idea never returns to its original size."

"If you seek different results, don't always do the same thing."

Albert Einstein

We modelers need to experiment to discover new possibilities and new effects. As a company, AK needs to innovate constantly and be at the forefront of our hobby. It is under both premises that the idea of creating this new product arises.

The current needs of our society also increasingly demand non-toxic products, easy to use, and that allow us to bring the hobby closer to more people in a simple way so they can get hooked on modeling. All the products used for the development of the acrylic inks in these markers are environmentally friendly.

The idea of painting with a special marker for modeling is a natural way to start working with models, allowing you to bring any detail to life quickly and easily. It allows for precise application of a base coat on surfaces of plastic, resin, or metal, with or without priming, and with maximum control and comfort.

The markers are designed for painting accessories and small parts, cockpits, vehicles in small scales, etc., but they also open up a multitude of possibilities for experimentation.



PAINTING

The most important aspect of the markers is the paint, and in this case, its development has been the most laborious part of the manufacturing process, and we have not stopped until we get it.

Achieving a paint that is resistant while also providing good coverage and the desired finish for modelers has been quite a challenge. Different types of formulations were able to meet some of the needs but not 100% of the requirements.

Some of the most important features we needed to achieve were: resistance to any modeling product and no smudging or reactivation like other markers on the market. Also, coverage capacity is a crucial characteristic, requiring a high pigment concentration to achieve it.

The finish of the formula is matte, although due to the characteristics of some pigments, some colors may result in a slightly satin finish. If you prefer very glossy or very matte finishes, you can varnish the paint without any issues using any type of varnish.

To see the final result, wait until the paint is completely dry. Due to the characteristics of the formula, the paint may appear to change in tone when it is still wet.

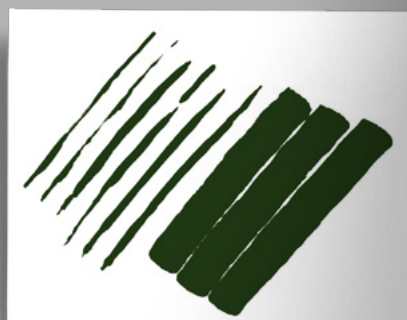
Once we had the formula developed, the final step was to create the colors that are truly needed in modeling.



THE TIP

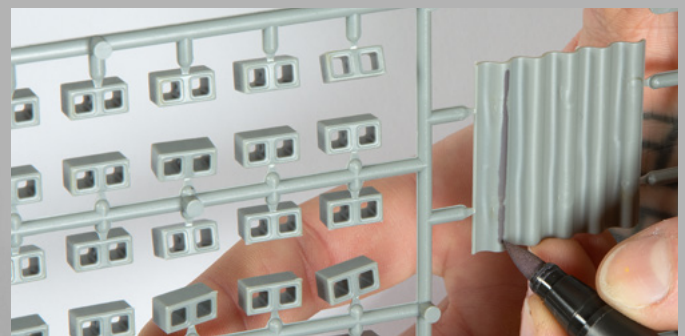
The tip is another important aspect of the marker. It has to be in line with the paint being used for everything to work properly. The wetting and anti-clogging agent in the paint allows the high-quality felt tip to provide a smooth and precise stroke.

The special felt tip should be used gently, without pressing too hard. You can use the tip for details or the side to cover larger areas.



Using the tip at its end allows for more precise painting with less paint.

When we want to paint larger surfaces, we can use the side of the tip to apply more paint and spread it more quickly.



It's often very convenient to paint some accessories while they're still on the sprues, and markers are an ideal tool for that.



RECOMMENDATIONS

The RC Markers are recommended for hobbyists who are just starting out and for any experienced modeler who wants to paint details or apply small base coats quickly.

They are not a substitute for paints since they do not allow for certain techniques like wet blending, feathering, dry brushing, etc., which are only possible with traditional paint.

They are ideal for creating hard-edge camouflage patterns, disruptive patterns, etc.

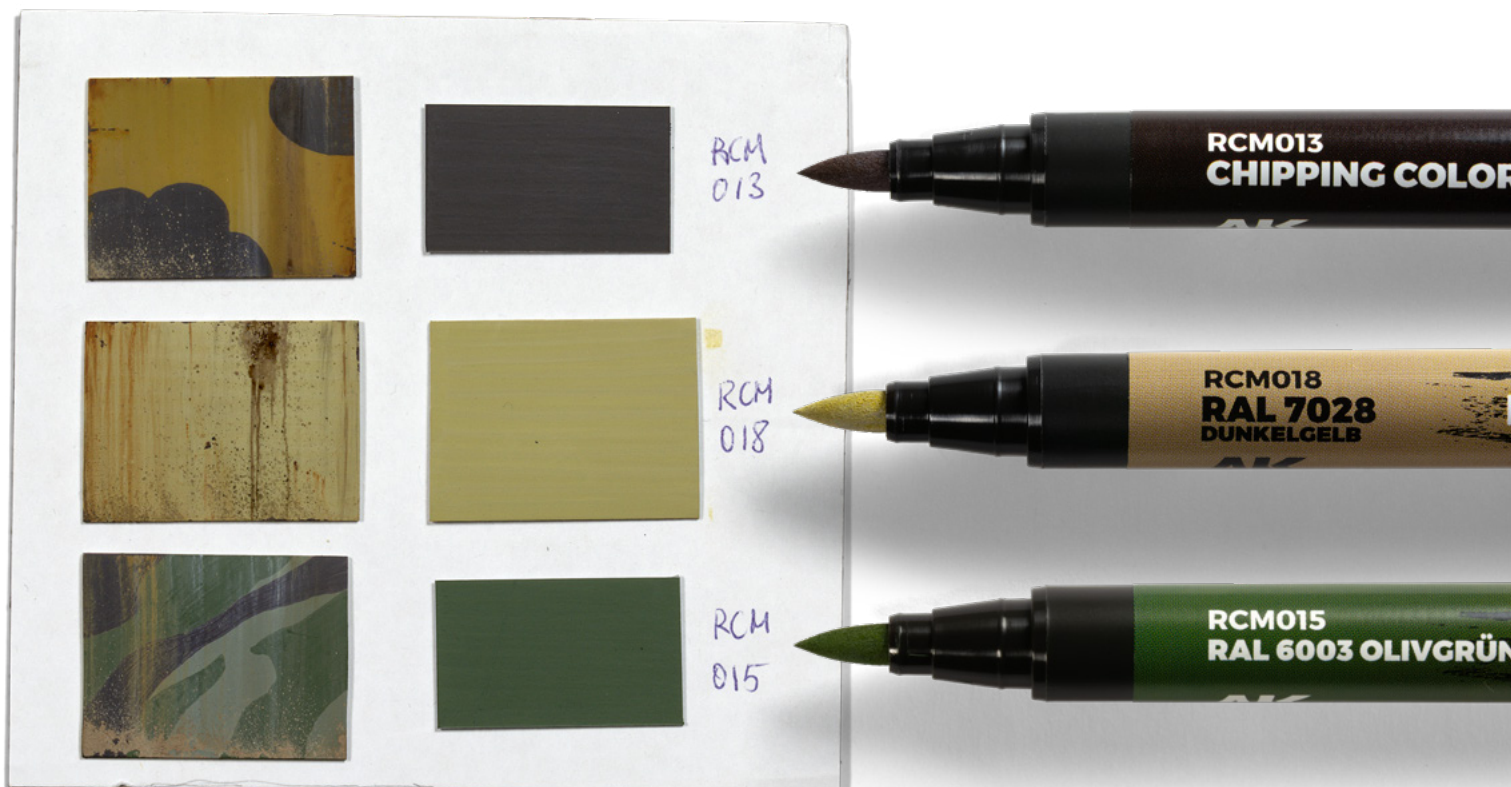
For very vibrant colors like reds, yellows, oranges, etc., it's recommended to first paint with white underneath. Although not necessary, as with any type of paint, this technique will make these tones appear more vibrant and saturated.

This product is not recommended for painting an entire model. For a large piece, we recommend using an airbrush and regular paint.

The markers are extremely useful for painting details with great precision.



They are perfect as a base for applying washes and filters afterward.



FREQUENTLY ASKED QUESTIONS

Can I paint a tank, an airplane, or a whole model?

You can paint whatever you want. If it's a small-scale kit, markers are very practical. For painting larger models, it's better to continue using the airbrush for the base coats.

What's the capacity of a marker?

The durability of the paint in a marker is described by meters, and in our case, the writing allows between 60 and 70 meters.

How do I store the markers?

The paint characteristics of the RC Markers allow for temperature differences from 50°C to -20°C without altering their properties, which is important when shipping the markers by air.

Can I change the finish of the markers?

Once the work is finished, we can use any type of varnish to achieve the desired finish: matte, satin, or glossy.

Is it possible to apply multiple layers of paint?

We can apply a second layer to cover more, almost immediately. Keep in mind that lighter colors may need more coats to cover, like any paint, especially if we paint without priming on dark bases. Usually, dark colors tend to cover better on any type of paint and substrate.

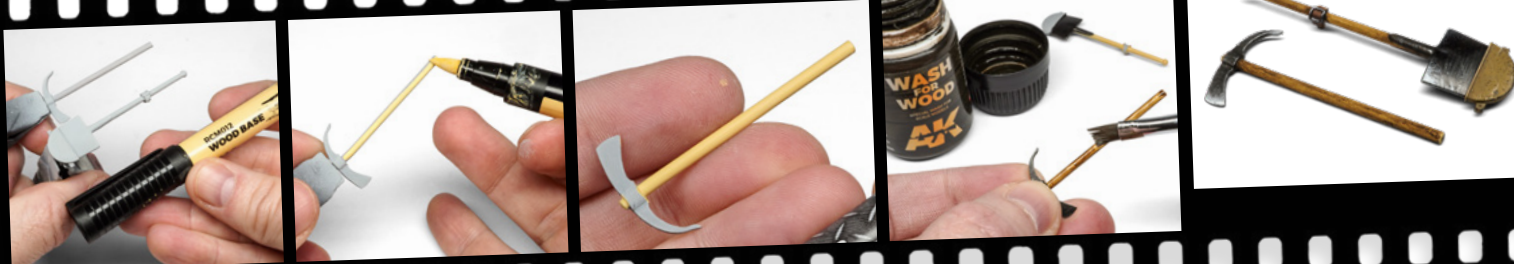
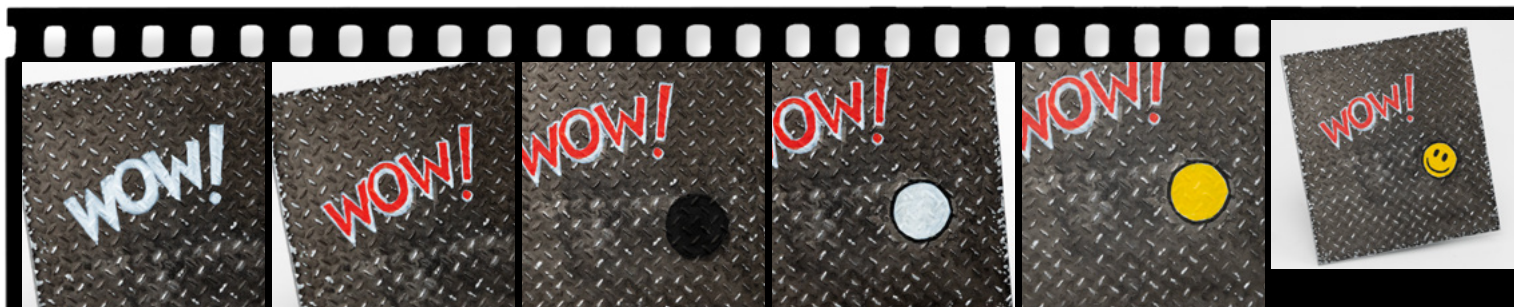
Can I paint over the ink from the markers?

You can paint over what's been painted with the markers without any problem and without fear of removing the paint. This is very useful especially when we want to create hard-edge camouflages, mottling effects, etc.



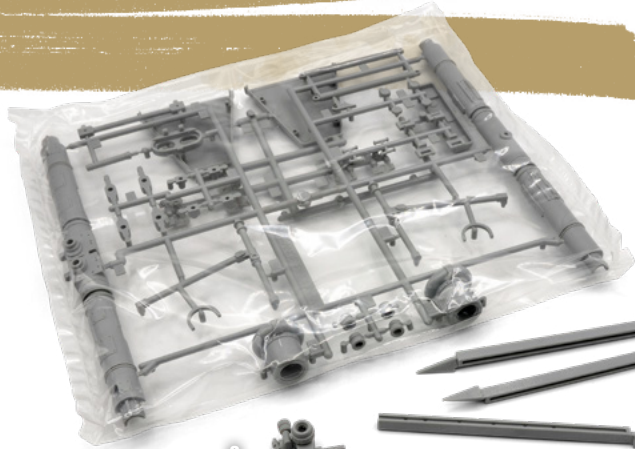
After painting a model kit completely, sometimes we still think that one more detail could have filled a gap or made a difference, but sometimes we feel too lazy to bring out the

airbrush again or prepare a mixture to add the final detail. With a marker, this detail only takes a minute: paint, age minimally, and... done!



Since we developed the product, some modelers have been testing it, contributing their ideas, suggesting improvements, and discovering its possibilities. All of them are of the opinion that from now on, it will be on their workbench as a new tool for painting their models.

APPLICATION OF A BASE COLOR: DUNKELGELB



1-2. We've chosen this 1:6 scale model to show how they perform on a larger model. We'll apply all weathering effects on the base color obtained with the markers applied directly on the plastic.



3. Applying them is simple. Just like with regular paint, we should apply several coats to cover well. The marker will allow us to easily reach any part of the model.

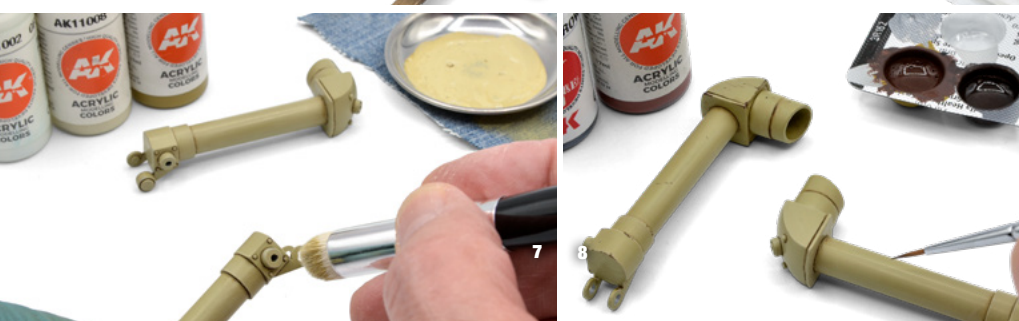


4. We'll try to use the tip quite flat on the piece to cover as much surface as possible, and we'll try not to pass several times over the same spot while the paint is fresh to avoid streaks.

5. On cylindrical pieces, it's applied in the same way, always in strokes from end to end. Thanks to its slightly flexible tip, we'll be able to paint the more intricate parts, reaching all their crevices. After applying a second coat, we'll continue painting the rest of the model's details.

6. We'll start the weathering process with washes to define the reliefs of the pieces. For this, we'll use AK300 German Yellow Wash diluted with a mixture of fast-drying and Matte Effect thinners from ABT502. Additionally, we'll add a bit of dark brown oil paint, all in a metal mixing cup.

7. The next step will be to apply some dry brushing to highlight the edges and achieve greater definition. We'll use a sturdy cloth to rub and dry the brush before applying it to the model surface. Then we'll apply it mainly to the edges and protrusions of the example.



8. In the next step, we'll apply dark chips to the edges and protruding corners of the model. We'll need a thin and sharp brush and dark brown paint. The chips should be very small and focused only on the most exposed areas. We can also add chips with a sponge using more orange tones.



9. Once the chipping is complete, we'll move on to applying the oil paints. We'll use a combination of ABT090, ABT093, and ABT135, depositing them on a piece of cardboard to absorb some of their oil. We'll apply them directly onto the model and then blend them with clean thinner. This process will enhance the color richness of the model.

10. With the dry pigment application, we'll achieve the dusty effect on the model. They're applied with a used brush, selecting and mixing the tones directly on the model. We'll apply them mainly on the lower areas and horizontal surfaces.



11-12. Finally, we'll apply the effects of worn metal due to friction. For this, we can use a regular pencil, AK pencils or a graphite stick. The effect is achieved by rubbing the pencil on areas of wear such as edges and corners. Depending on the piece or the area, we'll use one medium or another. Finally, just rub with a blending tool or a cotton swab to obtain shine.

THE RANGE



RCM001
**RUBBER
BLACK**



RCM002
OFF WHITE



RCM003
**SIGNAL RED
RAL 3020**



RCM004
**YELLOW
RAL 1003**



RCM005
**ORANGE
RAL 2004**



RCM006
**BLUE
RAL 5001**



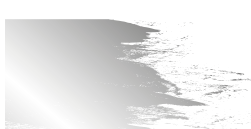
RCM007
BROWN



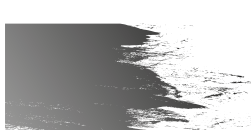
RCM008
BUFF



RCM009
DECK TAN



RCM010
ALUMINIUM



RCM011
**DARK
LUMINIUM**



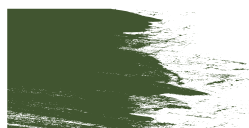
RCM012
**WOOD
BASE**



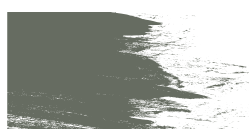
RCM013
**CHIPPING
COLOR**



RCM014
**RAL 1001
ELFENBEIN-
IVORY**



RCM015
**RAL 6003
OLIVGRÜN**



RCM016
**RAL 7009
HELLGRAU-
LIGHT GREY**



RCM017
**RAL 7021
DUNKELGRAU**



RCM018
**RAL 7028
DUNKELGELB**



RCM019
**RAL 8012
ROTBRAUN-RED
BROWN**



RCM020
**RAL 8017
ROTBRAUN-RED
BROWN**



RCM021
OLIVE DRAB



RCM022
**INTERIOR
GREEN FS 34151**



RCM023
**US INTERIOR
YELLOW GREEN**



RCM024
**RLM 02
GRAU (1938)**



RCM025
RLM 66



RCM026
RLM 76



RCM027
RLM 79



RCM028
**RAF COCKPIT
GREY-66**



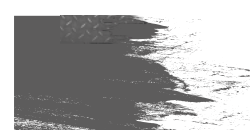
RCM029
**IJN M3 (M)
MITSUBISHI
INTERIOR
GREEN**



RCM030
**IJA AO
MIDORI IRO
(BLUE GREEN)**



RCM031
**RUSSIAN
COCKPIT
TURQUOISE**



RCM032
GUN METAL



RCM033
FLAT BLACK



RCM034
FLAT WHITE



THE SETS

RCM101 TOOLS

- RCM032
GUN METAL
- RCM012
WOOD BASE
- RCM007
BROWN



RCM102 WHEELS

- RCM033
FLAT BLACK
- RCM001
RUBBER BLACK
- RCM011
DARK ALUMINIUM



RCM103 WEAPONS

- RCM032
GUN METAL
- RCM033
FLAT BLACK
- RCM007
BROWN



RCM104 SHIPS AND DECKS

- RCM009
DECK TAN
- RCM012
WOOD BASE
- RCM019
RAL 8012
ROTBRAUN-
RED BROWN



RCM105 CHIPPING

- RCM010
ALUMINIUM
- RCM011
DARK LUMINIUM
- RCM013
CHIPPING
COLOR



RCM106 TACTICAL MARKINGS

- RCM003
SIGNAL RED
RAL 3020
- RCM004
YELLOW
RAL 1003
- RCM034
FLAT
WHITE



RCM107 GERMAN TANKS INTERIOR COLORS

- RCM014
RAL 1001
ELFENBEIN-IVORY
- RCM016
RAL 7009
HELLGRAU-
LIGHT GREY
- RCM019
RAL 8012
ROTBRAUN-
RED BROWN



RCM108 LATE GERMAN AFV CAMO COLORS

- RCM015
RAL 6003
OLIVGRÜN
- RCM018
RAL 7028
DUNKELGELB
- RCM020
RAL 8017
ROTBRAUN-
RED BROWN



RCM109 WWII ALLIED AIRCRAFT COCKPIT COLORS

- RCM022
INTERIOR GREEN
FS 34151
- RCM023
US INTERIOR
YELLOW GREEN
- RCM028
RAF COCKPIT
GREY-GREEN



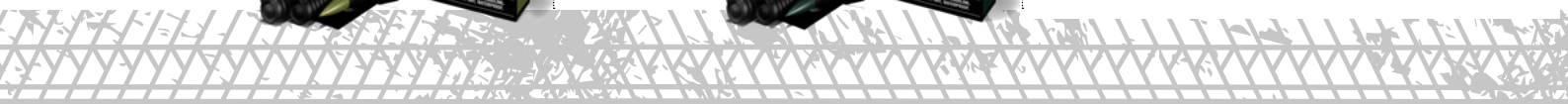
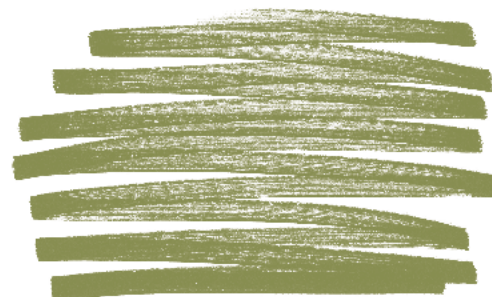
RCM110 WWII AXIS AIRCRAFT COCKPIT COLORS

- RCM024
RLM 02 GRAU
(1938)
- RCM025
RLM 66
- RCM029
IJN M3 (M)
MITSUBISHI
INTERIOR
GREEN



RCM111 WWII AXIS AIRCRAFT SQUIGGLE CAMOUFLAGE COLORS

- RCM026
RLM 76
- RCM027
RLM 79
- RCM030
IJA AO MIDORI IRO
(BLUE GREEN)



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MODELING.**

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