

AK

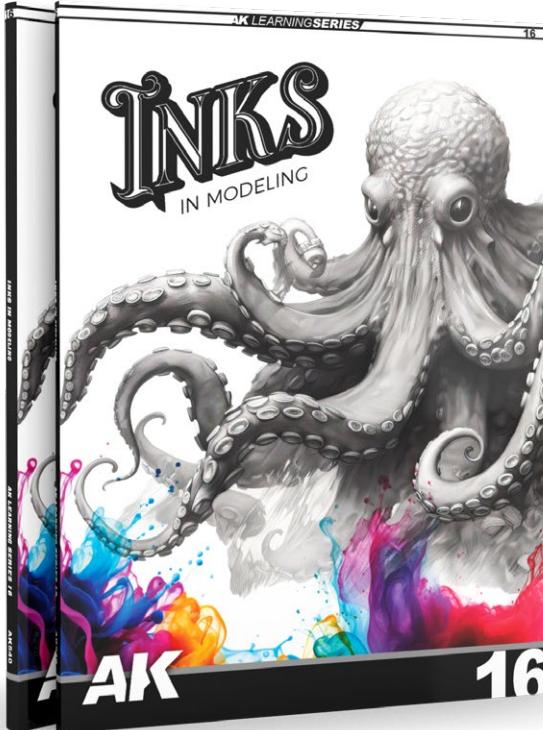
NEWS

APRIL 2024

NOVEDADES

ABRIL 2024





AK540 / AK541 AK LEARNING SERIES 16 INKS IN MODELING TINTAS EN MODELISMO

10,95€



English (AK540). 88 pages. Soft cover.
Castellano (AK541). 88 páginas. Tapa blanda.

An inseparable part of the elaboration of models and figures is their painting and decoration. Among all the paints available, inks are perhaps the most unknown for a great number of modelers. Inks offer us a great number of possibilities thanks to their saturation and characteristics.

This new Learning shows how to understand and adapt inks to different works in order to enhance the finish of miniatures, both in figures and in any other modeling branch.

Una parte inseparable de la elaboración de maquetas y figuras es su pintura y decoración. Entre todas las pinturas disponibles, las tintas quizás son las más desconocidas para un gran número de modelistas. Las tintas nos ofrecen una gran cantidad de posibilidades gracias a su saturación y características.

En este nuevo Learning se muestra cómo entender y adaptar las tintas a distintos trabajos para conseguir potenciar el acabado de las miniaturas, tanto en figuras como en cualquier otra rama modelística.

Let's begin by exploring the main characteristics and properties of inks. The first thing we notice when we use them is that they have a very liquid consistency, some of them have similar properties, with some materials, and a high flow compared to regular paints. Many inks are water-based, which makes them ideal for airbrushing, and some are used in miniature painting because they are very liquid and can be applied with a brush. It is important to understand that they are not a self-sufficient material and that they must be used in combination with great pigments in combination with other materials.

They can have a water, alcohol or solvent base, but all of them have similar properties, with some materials, and a high flow compared to regular paints. Many inks are water-based, which makes them ideal for airbrushing, and some are used in miniature painting because they are very liquid and can be applied with a brush. It is important to understand that they are not a self-sufficient material and that they must be used in combination with great pigments in combination with other materials.

Depending on the final use of inks and their application, it is necessary to consider the type of ink we are going to use. There are two main types of inks: water-based and oil-based. Both are valid for modeling but have different characteristics. Water-based inks are more liquid than oil-based inks, so they require more air pressure to apply. Oil-based inks are thicker and require less air pressure to apply. This is because they are less viscous than water-based inks, so they can move more easily when applying the pressure without fear of clogging the airbrush.

When using a brush, it's disadvantage is that it's not as precise as a pen or a marker. However, it's perfect for highlighting details, such as eyes or hair. It's also great for creating effects like watercolor washes when we want to introduce colors in a more subtle way. It's a technique that requires a lot of practice to achieve a very powerful visual effect. These effects are very recognizable features of any artist.

INKS	CHINESE INK	SOLVENT-BASED INK	DRAWING INK	MODELING INK
COMPOSITION	Pigment + binder	Pigment + binder	Stain + media	Pigment + binder
DISSOLUTION	Water	Medium	Water	Water
RESISTANCE TO WATER	Normal	No	Depends on the binder	Water or Ink
RESISTANCE TO LIGHT	Normal	No	According to the composition	Normal
DURABILITY	Permanent	Temporary	Temporary	Temporary
OPACITY	Opaque	Opaque	Opaque	Opaque
INTERMIXABILITY	No	No	Depends on the composition of the ink	No
OBSTRUCTION	If I drop it, it will damage my brush	Does not drop	Does not drop	If I drop it, it will damage my brush
FINISH	Gloss	Gloss	Gloss	Gloss
USE	Brush	Brush	Brush	Brush

At the moment we don't ink or any other type of paint, we use its properties. Inks have an extremely fine pigment suspended in the fluid and are stable; when new products are introduced into the mix or the properties are changed, the behavior of the ink changes. If we add a water-based ink, they are not compatible, but as the other components are modified, the behavior also changes.

INKS COMPARISON

Although inks retain common properties among them, the final characteristics can vary widely from one type of ink to another. In this table, we see the main differences among them:

WORKING WITH INKS: EXAMPLES

In the next pages, we will see how to use inks in a practical way through examples. You will explore where different colors can be used and describe how to get the best out of them.

HOW TO PAINT WOOD WITH INKS

Let's see how to work on a wooden piece using inks and some basic techniques. Using a brush, we can easily achieve the desired effect.

Plasticard has been chosen as the base to paint a wooden pattern. The base is painted with a white color, and the inks are carefully applied with a brush to create the wood grain effect.

It's time to prepare the surface to achieve the best result. We will use a sandpaper to remove any dust or debris. The surface must be clean and dry before applying the ink.

If we want to highlight the details of the wood grain, we will use a dark ink. In this case, Brown Black (AK5020) and White (AK1001) are used. These two colors may seem quite different, but when applied together, they will merge their differences. As shown in the photo, the ink will create a more natural and organic look, making the wood grain stand out.

To reach the effect, the brown colors are mixed and applied in some small glitters with the help of a brush and a toothpick.

CONCLUSION

Painting with inks on wood is a great advantage for this example due to its transparency and the fact that it does not cover the original color of the wood. The inks are great for enhancing the look of the details, making the grain stand out. It's a very simple technique that can be applied to any surface, even on metal.

WORKING WITH INKS ON METAL

At this point, the boat model (AK16025) and inks have been used to create a wood grain effect. Now we need to drop a sufficient amount of ink to create the wood simulation as they have previously done. We will use a dark ink (Brown Black AK5020) to create the wood simulation for the right armrest. The consistency of the ink will be adjusted, and the white part will be highlighted with white varnish applied to further differentiate the details.

Another group of inks used in modeling are those used to clean wood. These types of inks are specifically designed for wood and are ideal for the type of wood modeling. It is a type that quickly penetrates the wood and stands out for offering good lightfastness. Thanks to its high colorfastness, it is perfect for staining the wood, modifying the tone, while normal paints will remain on the surface.

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16-17. Salt marks are simulated using white ink. Again, the transparent nature of inks allows for the creation of these effects to be reproduced.

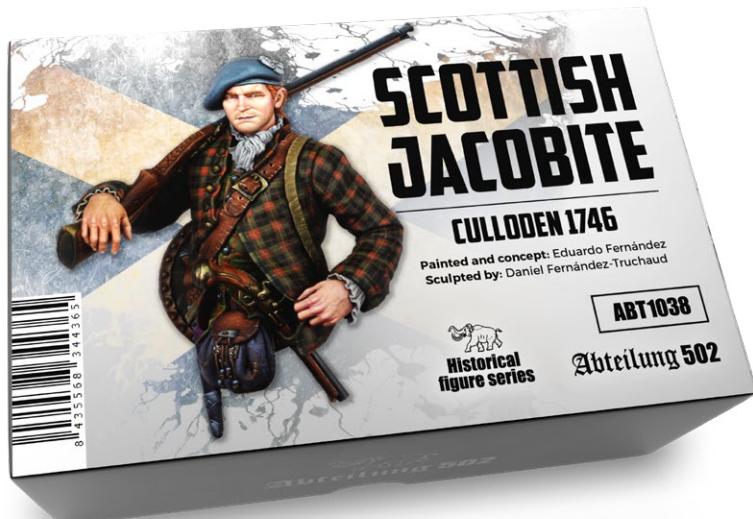
16-18. We want to enhance the inks on the bottom of the hull. To do this, we will use a brush and a toothpick to apply the ink directly to the hull.

18-19. Then, we apply a light mist over the hull. After this, we will blend the rough edge of the hull with a soft brush, with a quick pass.

20-21. Finally, we will repeat the process of the left side of the hull. The ink color is used directly on the hull. If more subtle results are desired, the ink can be diluted with water or thinner.

22-23. At this point, the effect on the waterline is too harsh, but we can adjust it to the following steps. We will dilute the ink with water and reapply it to the following steps.

24-25. Once the ink has been applied to the hull, we will blend the rough edge with a soft brush. This will give the additional benefit of "softening" the waterline, making the hull appear more rounded and organic.



ABT1038

52,95€

**SCOTTISH JACOBITE
CULLODEN 1746**


ABTEILUNG 502 HISTORICAL FIGURE SERIES.
1:10 SCALE

The epic atmosphere surrounding the battle of Culloden in 1746 together with the attractiveness of the uniforms and weapons used at the time do not go unnoticed by any modeler of historical figures. This bust represents a Scottish Jacobite wearing the typical Tartan, the heraldry of his clan and carrying his musket for battle. After the Scottish defeat in this battle, this dress was forbidden by the British government.

The bust is finely sculpted and detailed in 1:10 scale, with the usual high level of the brand, allowing fans to choose from a wide variety of attractive patterns and add this original figure to our collection.

La atmósfera épica entorno a la batalla de Culloden en 1746, el atractivo de los uniformes y las armas utilizadas en la época no pasan desapercibidos para ningún modelista de figuras históricas. Este busto representa un Jacobita Escocés ataviado con el típico Tartán, la heráldica de su clan y portando su mosquetón para la batalla. Tras la derrota escocesa en esta batalla, se prohibió esta vestimenta por el gobierno británico.

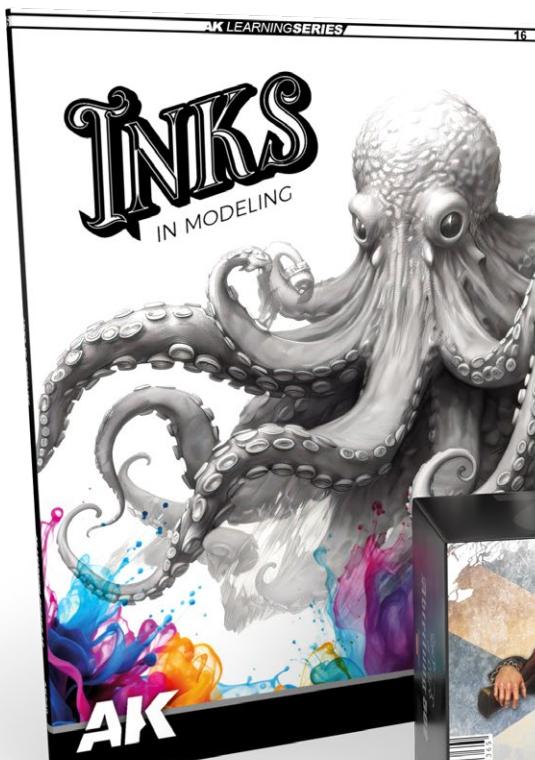
El busto está finamente esculpido y detallado en escala 1:10, con el altísimo nivel habitual de la marca, permitiéndonos a los aficionados, elegir entre una gran diversidad de atractivos patrones y añadir esta original figura a nuestra colección.



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NOVEDADES ABRIL 2024



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AK540 LEARNING SERIES 16
+ ABT1038 SCOTTISH JACOBITE



AKPACK73-ES

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18 COLORS



HOW TO USE GUIDE
INSIDE

AKPACK74

ABT1038 SCOTTISH JACOBITE + AK11766 SIGNATURE SET SCOTTISH TARTANS PAINT SET (RAÚL GARCÍA LATORRE)

3GEN
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This unique modeling tabletop organizer is tremendously versatile. It is ideal for modelers and hobbyists who use a lot of small tools and accessories. The organizer optimizes space to keep different types of accessories, materials and tools at hand. We have designed the spaces with the needs of modelers in mind, with a front recess for standard square containers such as those produced by Tamiya, Gunze, AK, etc. The upper compartments have enough space to efficiently store plasticard, sandpaper, watercolor paints, brushes and various tools. Made of high quality laser pre-cut wooden board. Easy assembly and compatible with the HZ modular system.

Este exclusivo organizador de mesa es tremadamente versátil. Resulta ideal para modelistas y aficionados que utilizan una gran cantidad de pequeñas herramientas y accesorios. El organizador optimiza el espacio para tener recogidos y a mano distintos tipos de accesorios, materiales y herramientas.

Hemos diseñado los espacios pensando en las necesidades de los modelistas, con un hueco delantero para envases cuadrados de tipo standar como los producidos por Tamiya, Gunze, AK, etc. Los departamentos superiores cuentan con espacio suficiente para guardar de forma eficiente plasticard, lijas, pinturas acuarelables, pinceles y distintas herramientas.

Fabricado en tablero de madera de alta calidad precortado con láser. Fácil ensamblado y compatible con el sistema modular HZ.



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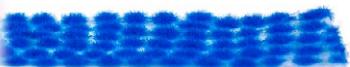
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