

Step 8:



The MC01 is allowed to dry one hour, then clearcoated with UCC01 Kosmic Acrylic Urethane Clear. Go easy on the coat thickness. The first coat is applied lightly, then light to medium coats. Now artwork can be done over the dried and sanded clear. I airbrushed rivets and seams between the different surfaces. Here there are two different surfaces, the side and top. Each surface is separately scuffed. The scratches on the top do not run down onto the sides. Those are scuffed separately, but in the same direction. This makes it appear as if two separate pieces were riveted together.

Step 9:

MC01 can also be used to create patches and rips. Here's how to make it really make it appear as if two pieces of metal were riveted together. The brushed aluminum process was applied this fender, clearcoated with the UCC01 Kosmic Acrylic Urethane Clear and wet sanded with 600 grit. Then the middle area was masked off and more black basecoat and clear were applied in that middle section. It was then scuffed and MC01 was sprayed and cleared. As the pattern of skuffs is not exactly the same, it looks like a different piece of metal layered over the first application. Plus the clear underneath gives depth to the edges. This same process can be used to create rips in the surface.



Step 10:

Here an airbrushed pinup and lettering was done over the clearcoated MC01. The goal here was to have a finish like a raw aluminum airplane with WWII pinup art.



"The easy workability of MC01 makes it is as simple a process as it sounds. The creative possibilities are endless such as aluminum effect graphics or flames. HOK Kandy Concentrates can also be mixed into the clearcoats for even more creative effects."

JoAnn BORTLES

Crazyhorsepainting.com

JoAnn Bortles is an award winning custom painter with over 25 years of experience. She is also the author of 6 books on custom painting.

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HOW TO USE KOSMIC KROME®
TO CREATE A BRUSHED ALUMINUM EFFECT.

JOANN BORTLES

FROM CRAZY HORSE PAINTING



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HOW TO USE KOSMIC KROME TO CREATE A BRUSHED ALUMINUM EFFECT.

For this project, the goal was to make the entire surface of this motorcycle appear to be made of brushed aluminum like on an old airplane. The motorcycle features a radial airplane motor and the theme of the paint was to look like an old WWII fighter plane. House of Kolor's MC01 Kosmic Krome Aluminum proved to be the perfect choice for this goal. It is very easy to work with and very cost effective, especially for a project this large.

Step 1:

The products I'll be using here are House of Kolor's MC01 Kosmic Krome Aluminum, BC25 Black, UCC01 Kosmic Acrylic Urethane Klear with KU150 catalyst, KC20 Post Sanding Cleaner, and 3M® Primer Prep Scuff pad.



Step 2:

After priming with KD2000 Direct to Metal Primer, BC25 Black basecoat is applied followed by several coats of UCC01 Kosmic Acrylic Urethane Klear. It is allowed to dry overnight or longer. It is very important that the clearcoat be fully dry.



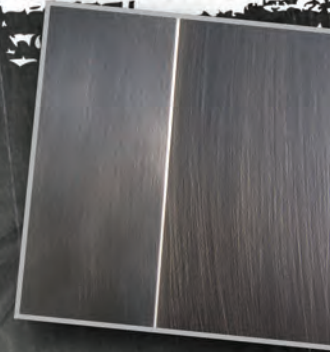
Step 3:

The Scotch-Brite™ Primer Prep Scuff pad comes on a roll. It is pulled out of the slot and cut it into 3" lengths. Real brushed finish metal has a grain that runs across it. The trick to getting a real aluminum-like finish on the surface is creating deep, sharply cut and evenly spaced scratches into the surface to re-create that grain. The scratches must be in a straight line. Sandpaper, even course grits, create too smooth a surface. Regular scuff pads, even red ones, do not cut deeply enough into the surface. Only the 3M® Primer Scuff on a roll created the rough grooves needed for this project. Using very firm pressure, the pad is run along the length of the part. Note how the scratches run along the length of the part, not across the part.



Step 4:

Here is a side by side shot showing actual raw unfinished aluminum on the left and surface painted with the House of Kolor MC01 Kosmic Krome Aluminum on the right. See how even the scratches are on both? To look like real brushed aluminum, the scratches must all run parallel with each other, perfectly straight.



Step 5:

Note how the scratches run in the same direction, even over and around the joints in the part.



Step 6:

Scuff the parts, one section at a time. Each separate section on this frame was scuffed before proceeding to the next, instead of jumping around on it. After the scuffing is done, the parts are carefully washed then wiped down with KC-20. There will be a good amount of dust from the scuffing and care must be taken to remove all of it. The parts might have to be washed down several times.



Step 7:

The parts are set up in the booth and wiped down with a tack cloth. The MC01 ALUMINUM is ready to spray out of the can, but it must be shaken for 5 minutes prior to use. It is then strained into the gun. Adjust the gun set up to achieve a fine spray, consistent fan, and be sure to spray within the distance that will provide the most even application. This is usually only 6-8 inches for a "full" size gun and may be 4-6 inches for a "mini" style gun. Always do a test panel with the complete system to test your application, spray gun function, effect, and your art plans BEFORE you spray your project. Apply 2-3 light "mist", but not "dry", coats using a 75% pattern overlap when spraying. Check the coverage after applying each coat to make sure not too much paint is applied.

