

Mail from John Diederich:

AMC PAINT COLORS

At the request of a fellow Matchless enthusiast I took my original 1961 G12CSR gas tank to the local Dupont paint supplier to have the Cardinal Red paint analyzed by Spectrograph.

The results were analyzed in a computer and a formula developed from which one pint of Dupont Base Coat could be mixed. Clear coat needs to be applied on top of this.

I'll print the formula below, but first an explanation:

The first column is the Dupont paint #, the second column the description of that number, and the third column is the weight in grams of the formula to that point. In other words the LS Red Oxide weighs 113.7 grams; 34.4 grams of Opaque Red are added, bringing the weight to 148.1 grams, and so on.

1961 Matchless Cardinal Red:

This formula makes one pint:

884J LS Red Oxide 113.7
886J Opaque Red 148.1
866J Red Violet 153.5
801J HS White 156.2
150K B/C Balancer 435.5

1958-1960 (?) AJS Light Blue (Mediterranean Blue)

This formula makes one quart:

801J HS White 176.0
828J HS Fast Blue 258.8
830J HS Fast Green 286.6
806J HS Black 302.2
150K B/C Balancer
745.8 175K Binder 924.8

If you don't have a local Dupont paint supplier, this firm will mix the paint and send it to you. The company is FinishMaster. They are in Charlotte, North Carolina, and their phone # is 704-522-7161. Their toll-free # is 800-521-7161. They do accept VISA & Mastercard.

Our North American Section has very close matches on several other postwar AMC colors. It's been a few years since we published this information in Matchless News and Jampot, so the newer members may not have seen this information before. To find matches for the following colors, we took panels with original paint and had a local paint shop find an identical or very close match:

Early 1950's Matchless Aldwych Red:

Aldwych Red, as used on early 1950's Matchless, can be closely matched using GMC truck "Dark Carmine". The GMC code is 71,79; the PPG code is DDL 3164 "D".

Mid-to late 1950's Matchless Cherry Red:

Cherry Red, as used on mid-to late 1950's Matchless, can be closely matched using Volkswagen "Malaga Red". The VW code is L30C, the PPG code is DDL 2797 "SC".

Candy Apple Red, as used on the late G80CS and other Matchless and Norton of the same vintage, can be matched using PPG Deltron, code # DBU72939. Quoting Dave Campbell: "There is no metallic in this topcoat. The metallic is in the base coat of a medium silver. Follow this with 8-10 thin coats of the PPG red and you will have an identical color match of the original paint from Plumstead".

Mail from Dave Campbell:

Candy Apple Red

(As used on the late G80CS and other Matchless and Norton of the same vintage):

First of all, this color is correct (sic) for the very last short stroke G80CS machines, that being late 1965, 1966 and 1967. Contrary to some popular opinion there were no G80CS's manufactured in 1968. There were several of them that were titled and sold as being 1968 machines, but that is an entirely different thing than manufactured.

My 1967 G80CS is the 32nd from the very last one made and it was dispatched from Plumstead on May 1, 1967, shipping docket K1614 and shipped to Joseph Berliner Corp. in New Jersey, then to Poke Cycle in Seattle, Washington when it was purchased by the original owner. I subsequently purchased it from him. The very last G80CS manufactured was shipped to a dealer in Canada during early August of 1967.

Again, contrary to popular belief, there is no metal flake in the Candy Apple color. The metallic appearance was generated through the use of a medium silver base coat which also was used to accomplish the hand lining of the tank.

What follows is the recipe for the base, color and top coats using PPG Deltron 2000 DBC Acrylic Urethane paint. I would suggest the use of PPG DPLF Epoxy Primer if there are minimal scratches on the bare metal surface. This can be sanded with two to three coats but generally not much more than that. If the requirement to fill deep scratches and voids is necessary, than first prime the bare metal surface with an appropriate PPG epoxy primer, then use PPG PRIMA K36 Acrylic Urethane Primer Surfacer. You can fill a large amount of scratches and voids to arrive at a perfect surface with this material.

To mix ONE PINT of the base color, the formula is:

354.4 grams of Deltron DMD690, with,
106.6 grams of Deltron DMD689

This gives a one pint total of 461.2 grams of Orion Silver (DBC34236).

The silver base coat is considered to be a course silver

Place two coats of this silver on the tank as the base coat.

To mix ONE PINT of the color coat (G80CS RED), the formula is:

12.4 grams of Deltron DMX211 Orange, with,
17.7 grams of Deltron DMX214, with,
399.8 grams of Deltron DBC500

This gives a gives a one pint total of 429.9 grams of G80CS RED (my name not theirs).

Place 4 to 5 LIGHT coats of this color coat over the base coat of coarse silver.

The final TOP COAT is Deltron DCU2042 Low VOC Speed Clear, but that can be substituted be some other clear coats. I would advise caution when substituting the Clear Coat to insure that it is compatible with the PPG Deltron 2000 color coat.

You can obtain a spec sheet on all of these individual parts and pieces by simply going to any local PPG dealer and asking for the following informational specification sheets:

PPG P-196 covering DPLF Epoxy Primer,

PPG P-169P covering PRIMA Acrylic Urethane Primer Surfacer K36 (it is vitally important to remember that this can not be used on bare metal,

PPG P-175 Deltron 2000 Base coat DBC/DBI, and finally,

PPG P216 DCU 2042 Low VOC Speed Clear DCU2042.

The easiest way to obtain the silver striping is simply to mask the desired strips prior to applying the color top coat. The dimensions for the striping are available in the material that I sent to you and it has the correct spacing, widths, and parameters for the two stripes.

Matchless Cardinal Red and Maroon Red

From Roger Norman

Date: 27-Dec-2002 12:20:00 PM

Subject: Re: Colour Match 1960 CSR

Message:

In addition to Christian's useful guide, over the years, various notes have been put into Jampot giving guidance on colours and modern equivalents. One of these days we will get around to compiling them into one article for reproduction or availability as a call off sheet from Kettering.

Cardinal Red as used for the 1961 Season machines (available September 1960 on) was listed in one of these articles as an off the shelf colour known as Jaguar 'Signal Red' PPG Code DDL 71792'K'. It is also listed in various books as Matchless Tartan Red and available as Vauxhall Monza Red.

The earlier red (available about 1957 to 1960) was known as Matchless Maroon and has also been listed as BMC Damask Red although where you would get this from nowadays I'm not sure - new/old stock, car autojumble perhaps. Best idea is to find an unfaded area, take it to a paint suppliers and ask them to make up a colour match.

AJS Mediterranean Blue

Hi Christian, attached is the paint code for Pittsburg Paint and Glass Co. commonly called PPG in the US.

This is the light blue (Mediterranean Blue) as used by AJS 1958-60, and not the darker Matchless blue as used on the G50CSR, G15/45 and others

DCC is a popular paint and used by many in this country.

This info was made available due to the generosity of, Mr. John Diederich AJSMOC, North American Section, PO Box 471126, Charlotte, NC 28247-1126, who kindly sent me an original tool box lid so I could have it scanned by my supplier.

Would you kindly share this with the membership and post the information in the archeives?

Thank you,

Dick



AUTO PAINT SPECIALTY

For: Dick Casey

RO#:1369

**DCC 193721
CASINO BLUE**

Qty: 1 Quart

Code	Color	Parts	Cumulative
DMC900	Str. Whi	416.5	416.5
DMC923	Blue	251.0	667.5
DMC904	Blue	55.3	722.8
DMC908	Yellow	24.5	747.3
DMC902	Black	19.6	766.9
DMC984	Clear	397.5	1164.4

==== Additional Note====
Lead-Free Formula

From Bruce Cannon:

Thanks Christian! Very useful detailed color formula info, that's great. I don't know if the following is relevant to the G80 or not, but just in case it's useful, I recently dug into a match for the UK/Canadian AJS and P11 candy blue color, and came up with the following info about the candy red color too:

From the G15/P11 hybrid tech session by Dean Nissen and Anthony Curzon:

"Color Matching Tips

The factory paint started with a white primer coat. This was followed by a silver base coat and finally the candy apple color coat. There was no clear coat. Candy apple red fades badly when left in the sun. Most original paint jobs look orange/red now. There were slight color variations from tank to tank.

...

The color isn't difficult to match using modern catalyzed paints. A gold base coat will generally give a better candy apple "look". A silver base will require a darker color coat. House of Kolor custome paints are available at auto body and paint shops and use color in both the base and color coats. Apply 3-5 color coats until the desired shade is reached. For candy apple red use UK-11 color coat over BC-08 base coat."

In addition, Dean Nissen wrote me:

"The original factory paint consisted of a white primer, silver base coat and one coat of candy apple with no clear coat. Most people tend to over do it and come out darker and thicker than the factory paint. I wouldn't do more than 3-4 color coats."

I'd guess this would also be applicable to other models from the same period (mid-late '60's).

--Bruce

More Maroon Red:

From David Baker:

Confirming BMC Damask Red as the correct colour, if you are lucky you may still find a touch up tube. For those of you who want to do a full paint job this is the correct formula for the paint mix.

BMC Damask Red.....BLVC 994808.

Mix formula.....BSI 9948 @ 50%

BSI 9901 @ 2%

BSI 9900 @ 6%

BSI 9923 @ 42%

If any one wants to use AJS CSR Blue the following is used Downunder.

DULUX AUTOCOLOR RAPIDE.

Or.....2K 2Pack 1B017 546 – 13131

Even more Maroon Red:

From Mark Seibert:

Re the color of the maroon used in our bikes - there are two close matches that I'm aware of: listed as used from 1957 to 1961 - BMC Damask Red. The other color was used in the 50's and is named Aldwych Red by AMC. It is a dark maroon color, Dark Carmine, used by General Motors Corporation, their color code 71, 79 or PPG code DDL 3164D. The first is according to Keith Jackson's book "AJS & Matchless Colour Schemes" - unfortunately never updated to my knowledge. The second part - GMC info - came from our benefactor, John Diederich.

Additional paint information in Keith's book is as follows:

1956 three panel chrome tanks, Ford Red.

Matchless G11 in 1956, probably Ford Red, but not confirmed.

Matchless maroon - as listed above.

Matchless off-white - BMC Old English White.

Matchless Tartan Red - Vauxhall Monza Red.

AJS Dove Grey - Peugeot Pompadour Grey (Gris Pompadour).