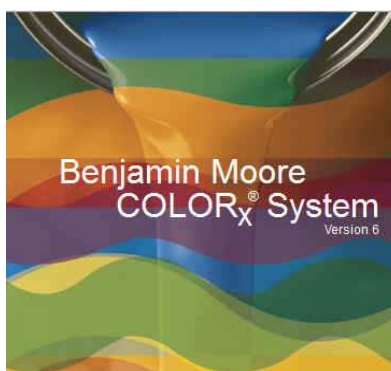


# **Benjamin Moore & Co. Moore's COLOR<sub>x</sub>® System Release Notes & Installation Guide Version 6.27.1000**



COLOR<sub>x</sub> version 6.27.1000 contains new features listed below. It also contains updated Benjamin Moore prescriptions. For a complete list of the updated prescriptions, see page 6.

## **Frequently Asked Questions on mybenjaminmoore.com**

A new FAQ document on the COLOR<sub>x</sub> software and color matching techniques is now available for download on the mybenjaminmoore.com at Product, Color & Technology>Moore's COLOR<sub>x</sub> Information>Solutions to COLOR<sub>x</sub> FAQs. Choose the "Save" button to save the document as an Adobe PDF file. If you have a problem downloading the document, call your Color Technology representative.

## **Converting Manually Created, Custom, and Competitive Formulas from CP Products to Associated Gennex Products**

COLOR<sub>x</sub> now has the ability to convert manually created, custom matched, and competitive formulas which were originally formulated in CP products to their Gennex equivalents:

The products which are supported for conversion are: SuperSpec C274, 275, 276, 277, Regal N215, N221, N310, N319, N333, and Premium Exterior N096, N103, N105.

For example, if you have a stored formula that was entered manually in N319 and now want that same color matched in the associated Gennex product, use the new convert feature to predict a match and give a formula in the associated Gennex product. In this case, the associated product is 549.

Detailed instructions appear below; a quick overview is given on the last page of this document.

## Converting a Custom or Manually Entered Formula from a CP product to a Gennex product

Retrieve the color to be converted. This can be a stored competitive color, a custom match or a manually entered formula. Under the Formula dropdown, choose Convert CP Formulas to Gennex as show in Figure 1.



Figure 1

Click on the Convert Current button as shown below.

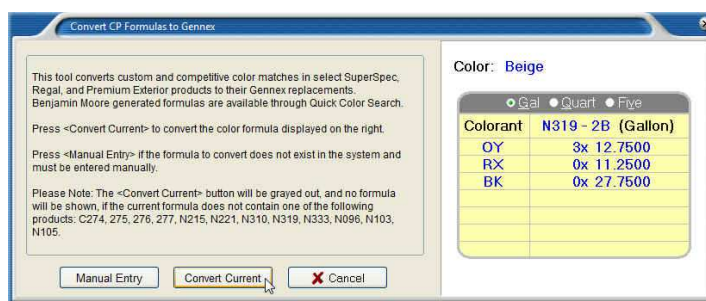


Figure 2

The Gennex Equivalent of the formula is now displayed on the main screen, Figure 3.



Figure 3

You can also enter a CP formula manually then have it converted to Gennex by clicking on the Manual Entry button as show below in figure 4.

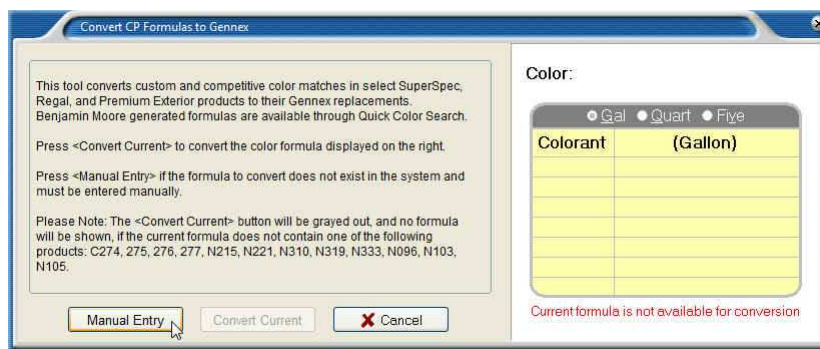


Figure 4

Now enter the known CP formula then click on the Convert button as shown below.

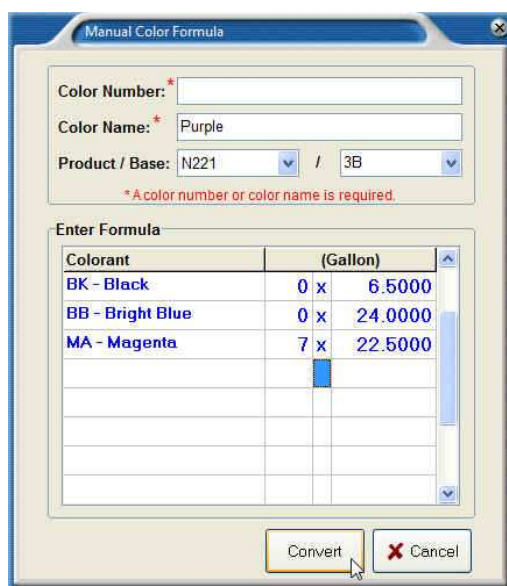


Figure 5

The converted formulas will appear as below in figure 6.



Figure 6

## New Minimum Shake Time Message

A small percentage of colors contain over 129 oz of colorant and base in a gallon can. The additional colorant is needed for maximum performance and color rendition, but reduces the amount of headspace in the can. When one of these prescriptions is retrieved, a message stating “Minimum 6 minute shake time required” will appear to the right of the formula box and under the color swatch. Any color that will fill a gallon can to that level or higher should always be shaken for a minimum of 6 minutes for thorough mixing of the colorant into the base.

Customer: General Account  
Color: 2016-20 (Citrus Orange)  
Company: Benjamin Moore & Co.

Gal Quart Five

Colorant 524 - 4X (Gallon)

W1	1x	27.0000
Y2	11x	10.0000
O1	0x	30.0000
R2	0x	7.0000

Minimum 6 minute shake time required.

Cost:  
Revised: 3/25/2011  
Num of Cans: 1  
Labels to Print: 1

Save to Customer Reformulate Modify Formula Comments Print

## Time-Limited Transition Rx for CP Premium Exteriors

In support of the product transformation initiative, through COLOR<sub>x</sub> 6.27.1000 we will allow retailers a **90 day** period of time to use up any existing stock of legacy premium exterior products.

***Please Note: This solution is for N versions of Moorgard, Moorglo and Moorlife ONLY using Gennex colorants. We do not recommend or authorize tinting between colorant platforms in any other case.***

Specifically, using the product code Z096, Z103 or Z105 in place of N096, N103 or N105 will allow you to tint the N-prefix base with the Gennex colorant prescription and have the correct UPC delivered to the dispenser for proper verification.

The process is as follows:

- 1- In COLOR<sub>x</sub>, enter the desired color
- 2- Select the product to be tinted using a Z-prefix instead of the N-prefix. Use Z096, Z103 or Z105 in place of N096, N103 or N105.
- 3- Press Search button
- 4- Press Print/Dispense to send the formula to the dispenser
- 5- Verify the barcode on the N-product label prior to dispense

## **New Competitive Color Collection**

A new Home Depot Collection, “Home Decorators Collection” has been added to this release of COLOR<sub>x</sub>.

## **Corotech Products**

Corotech products, Waterborne Amine Epoxy V440 & Acrylic Epoxy V450 are available in this release of COLOR<sub>x</sub>.

## **Williamsburg Color Collection Prescriptions Complete With Addition of Pints**

Prior to the collection’s official launch later this month, we have added pint prescriptions for Colonial Williamsburg Foundation colors; enter color name or number and use product code 127 for pint prescription. All CWF colors are available in Benjamin Moore Aura® interior & exterior; Regal® Select interior & exterior; ADVANCE®; Grand Entrance TM; and Benjamin Moore® Chalkboard paint.

## **Help**

While in the COLOR<sub>x</sub> application, you can view the Operator’s Manual and the Quick Start Guide by clicking on Help, then choose COLOR<sub>x</sub> Help for the manual or COLOR<sub>x</sub> Quick Start.

## **Competitive Color Prescriptions**

We have amassed an extensive collection of colors from our competitor’s color merchandise. This information is available in our Color Search option in COLOR<sub>x</sub>. To see if a color exists, simply follow the same procedure you would for a Benjamin Moore color. Enter a color number or name, along with a product, and either select an individual company or check the “Search All” box above the Select Company drop down list.

Unlike a Benjamin Moore color which displays a prescription created and tested by our Color Prescribing Lab, we store just the measurement of the competitive color. That measurement is run in our color matching application to generate a color prescription the same as if you measured a custom color with a spectrophotometer and calculated a match. Therefore, when a customer requests a match to a competitive color, a retailer should follow this procedure.

First, look up the color in COLOR<sub>x</sub> and determine if we have it in our system. If it is, a prescription will be calculated and displayed. Click on the button “Closest BM Color”, this will list the five closest Benjamin Moore colors. Suggest to the customer that they look at our closest colors and see if that meets their color requirements. This has two benefits, if the color is acceptable, then you have a tested Benjamin Moore prescription to make the color and you have changed a competitive color specification to a Benjamin Moore color specification.

Second, if you or the customer has a sample of the competitive color merchandise then match the color merchandise just as you would match a custom color. Since the customer will be judging the color to the merchandise sample that should be your target. Depending on the age and condition of the merchandise, it may not represent what we have stored in COLOR<sub>x</sub>.

Finally, if the customer does not like our closest color and no sample of the color is available then use the calculated match in COLOR<sub>x</sub>.

If you have any questions, please contact your Color Technology Rep. or call 800-809-9213.

## **Prescription Changes since COLOR<sub>x</sub> Version 6.27.0000 (United States)**

Many prescriptions for products N5374X, N5384X and 5321X have been modified. Please refer to the revision date when calling up these prescriptions. A revision date after 3/22/2013 indicates a change in the prescription since COLOR<sub>x</sub> version 6.27.0000.

All prescriptions for industrial products V160, V220, V230, V260, V400, V500, V510 and V520 have been modified. They have been adjusted modified for proper total volume after tinting. Please refer to the revision date when calling up these prescriptions. A revision date after 3/22/2013 indicates a change in the prescription since COLOR<sub>x</sub> version 6.27.0000.

The following prescriptions have been modified for product 127: HC-6, HC-144

The following prescriptions have been modified for product 147: 869, 2130-30, OC-57, HC-97

The following prescriptions have been modified for product 148: 869, 2130-30, OC-57, HC-97

The following prescription has been modified for product 177: 2138-50

The following prescription has been modified for product 183: 2138-50

The following prescription has been modified for product C235: 2111-40

The following prescription has been modified for product C274: 2111-40

The following prescription has been modified for product 276: 2111-40

The following prescription has been modified for product 30: 2153-40

The following prescription has been modified for product 524: 2157-70

The following prescription has been modified for product 526: 1105

The following prescription has been modified for product 528: 2128-10

The following prescriptions have been modified for product 547: 2153-50, PM-4, HC-45

The following prescriptions have been modified for product 548: 062, 2153-50, AF-95, HC-45

The following prescriptions have been modified for product 549: 207, HC-45

The following prescriptions have been modified for product 550: 1462, 2153-50

The following prescription has been modified for product 551: 2153-50

The following prescriptions have been modified for product 792: 869, 967, 968, 2080-10, 2108-40, 2130-30, 2143-70, AC-40, HC-97, OC-37, OC-57, OC-117, OC-130

The following prescriptions have been modified for product 793: 869, 2130-30, OC-57, HC-97

The following prescriptions have been modified for product 797: HC-6, HC-144

The following prescriptions have been modified for product N794: 869, 2130-30, OC-57, HC-97

The following prescription has been modified for product N122: 1562

The following prescriptions have been modified for product N309: 2122-70, 2123-70, OC-66, OC-67

The following prescriptions have been modified for product N310: 950, OC-1, PM-30

The following prescriptions have been modified for product N322: 950, 1018, 2111-40, OC-1, PM-30

The following prescriptions have been modified for product N536: 996, AC-31, PM-14

The following prescriptions have been modified for product N537: 864, HC-6, HC-171

The following prescriptions have been modified for product N538: 864, HC-6, HC-171

The following prescriptions have been modified for product N539: 864, HC-6, HC-171

The following prescriptions have been modified for product N540: 864, HC-6, HC-171

The following prescriptions have been modified for product W626: HC-6, HC-144

## **Prescription Changes since COLOR<sub>x</sub> Version 6.27.0000 (Canada)**

Many prescriptions for products K5374X, K5384X and K5321X have been modified. Please refer to the revision date when calling up these prescriptions. A revision date after 3/22/2013 indicates a change in the prescription since COLOR<sub>x</sub> version 6.27.0000.

All prescriptions for industrial products V160, V220, V230, V260, V400, V500, V510 and V520 have been modified. They have been modified for proper total volume after tinting. Please refer to the revision date when



calling up these prescriptions. A revision date after 3/22/2013 indicates a change in the prescription since COLOR<sub>x</sub> version 6.27.0000.

The following prescriptions have been modified for product K127: HC-6, HC-144, OR-374

The following prescription has been modified for product K177: 2138-50

The following prescription has been modified for product K183: 2138-50

The following prescription has been modified for product K235: 2111-40

The following prescription has been modified for product K274: 2111-40

The following prescription has been modified for product K276: 2111-40

The following prescription has been modified for product 30: 2153-40

The following prescription has been modified for product K524: 2157-70

The following prescription has been modified for product K526: CC-420

The following prescriptions have been modified for product K528: 2128-10, OR-423

The following prescriptions have been modified for product K547: 2153-50, PM-4, HC-45, OR-7, OR-254

The following prescriptions have been modified for product K548: 2153-50, AF-95, HC-45, OR-7, OR-215, OR-254

The following prescriptions have been modified for product K549: CC-200, HC-45, OC-7

The following prescriptions have been modified for product K550: 2153-50, OR-254, OR-493

The following prescriptions have been modified for product K551: 2153-50, OR-254

The following prescriptions have been modified for product K552: CC-64, OR-192, R-9907

The following prescriptions have been modified for product K792: 2080-10, 2108-40, 2130-30, 2143-70, CC-30, CC-40, CC-70, HC-97, OC-37, OC-57, OC-117, OC-130, OR-92, OR-106, OR-116, OR-404

The following prescriptions have been modified for product K793: 2130-30, CC-30, OC-57, HC-97, OR-404

The following prescriptions have been modified for product F794: 2130-30, CC-30, OC-57, HC-97, OR-404

The following prescriptions have been modified for product K797: HC-6, HC-144, OR-374

The following prescriptions have been modified for product F309: 2122-70, 2123-70, OC-66, OC-67

The following prescriptions have been modified for product F310: OC-1, OR-4, PM-30

The following prescriptions have been modified for product F322: 2111-40, CC-398, OC-1, OR-4, OR-134, PM-30

The following prescriptions have been modified for product K536: PM-14, CC-456, OR-123

The following prescriptions have been modified for product K537: HC-6, HC-171

The following prescriptions have been modified for product K538: HC-6, HC-171

The following prescriptions have been modified for product K539: HC-6, HC-171

The following prescriptions have been modified for product K540: HC-6, HC-171

The following prescriptions have been modified for product K626: HC-6, HC-144, OR-374

The following prescriptions have been modified for product K628: HC-6, HC-144, OR-374

# Moore's COLOR<sub>x</sub>® System Installation Guide

The Benjamin Moore COLOR<sub>x</sub> Prescription Book and Color Matching System programs are incorporated into a single software package. It is available on the Benjamin Moore Retailer Portal, Mybenjaminmoore.com or on a CD and runs under the Windows® XP, Windows® Vista, and Windows® 7 operating systems.

## Minimum System Requirements

- Intel Pentium® processor 500 MHz or higher.
- 1 GB of RAM
- 750 MB of free hard disk space.
- CD or DVD Drive
- Video card capable of supporting 16M colors
- Printer
- Serial or USB port for spectrophotometer
- Windows® XP, Windows® Vista or Windows® 7

## Installation

If you are downloading COLOR<sub>x</sub> from the Benjamin Moore Retailer Portal, mybenjaminmoore.com, read the "COLOR<sub>x</sub> Download Instructions." This will instruct you how to download and install COLOR<sub>x</sub> on your computer.

To install COLOR<sub>x</sub> from a CD, you must have the Windows desktop displayed. If there are any other applications running, they should be closed before attempting to install the program. If your system has any automatic virus detection software enabled, it should be disabled before installing.

Insert the CD labeled "COLOR<sub>x</sub> System" into the CD drive.

The installation procedure will automatically start and bring you to the **Welcome Screen**.

If the installation does not automatically start, click on the "Start" button, usually found at the lower left corner of the screen. The primary menu will pop up. Click on "Run..." and the "Run" dialog box will display. Type "**D:\SETUP**" (where "**D:**" is the designated drive letter for the CD) on the "Open" line and click on "OK".

The Setup Wizard will guide you through the installation.

## License Agreement

As you start the installation, the License Agreement screen appears. Be sure to read this license agreement. If you disagree with the terms of the agreement, then click on the Cancel button to exit the installation. If you agree with the terms, then check the appropriate box to continue the installation. The installation will prompt you to select the software region, United States or Canada. The default is United States.

After the successful installation of the software you may be prompted to reboot your system.

Note: If you have a previous version of COLOR<sub>x</sub>® 6, this installation will not write over any stored samples or stored customers. They can be still be accessed.



# Converting Custom CP Color Formulas to Gennex Products

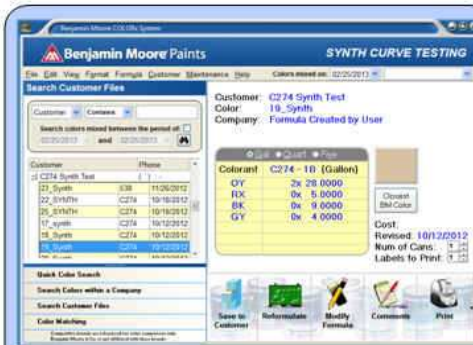
The following procedure enables custom color formulas to be converted from Benjamin Moore CP products to their Gennex counterparts. This includes spectro matches, competitive color formulas, adjusted formulas and manual formulas which reside in customer files or can be entered into the system.

Supported products are converted from the CP product lines below to their Gennex equivalents:

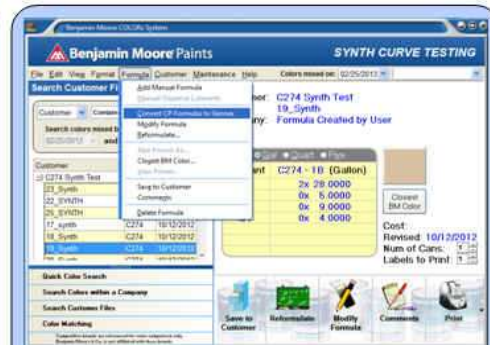
- From Regal to Regal Select
- From SuperSpec to UltraSpec
- From Premium Exterior to Regal Select Exterior

Products supported for conversion include: C274, 275, 276, 277, N215, N221, N310, N319, N333, N096, N103, N105

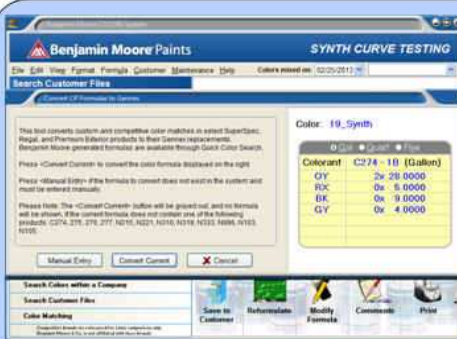
If you need any further assistance, please call Benjamin Moore Technical Support: 800-809-9213



1. Retrieve the CP formula to be converted. This can be a competitive color, a custom match, or a manual formula.



2. From the menu bar, select **Formula**, then **Convert CP Formulas to Gennex**



3. When the window pops up, press the **Convert Current** button. This button will be grayed out if the formula is not in a supported product. Press the **Manual Entry** button if you need to enter the color formula.



4. The Gennex equivalent of your formula is now shown on the main screen.