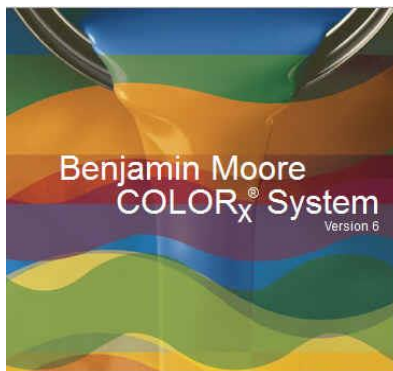


# **Benjamin Moore & Co. Moore's COLOR<sub>x</sub>® System Release Notes & Installation Guide Version 6.31.2000**



COLOR<sub>x</sub> version 6.31.2000 contains new and updated Benjamin Moore prescriptions. For a complete list of updated prescriptions, see page 3.

Several new products that are being introduced between now and the end of June 2016 are included in this release:

## **Coronado® Super Kote® 3000 Latex Flat, Eggshell, & Semi-Gloss – U.S. & Canada**

Prescriptions and color matching capabilities for SK3000 Flat (301)

Prescriptions and color matching capabilities for SK3000 Eggshell (302)

Prescriptions and color matching capabilities for SK3000 Semi-Gloss (304)

## **Coronado® Super Kote® 5000 Zero Flat, Eggshell, Satin & Semi-Gloss – U.S. & Canada**

Prescriptions and color matching capabilities for SK5000 Zero Flat (501)

Prescriptions and color matching capabilities for SK5000 Zero Eggshell (502)

Prescriptions and color matching capabilities for SK5000 Zero Satin (503)

Prescriptions and color matching capabilities for SK5000 Zero Semi-Gloss (504)

## **Coronado® Super Kote® 5000 Exterior Latex Flat, Satin, & Semi-Gloss – U.S. & Canada**

Prescriptions and color matching capabilities for SK5000 Exterior Flat (801)

Prescriptions and color matching capabilities for SK5000 Exterior Eggshell (803)

Prescriptions and color matching capabilities for SK5000 Exterior Semi-Gloss (804)

## **Ultra Spec® EXT Low Lustre Finish – U.S. & Canada**

Prescriptions and color matching capabilities for Ultra Spec® EXT Low Lustre (N455) – U.S.

Prescriptions and color matching capabilities for Ultra Spec® EXT Low Lustre (K455) – Canada

## **Ultra Spec® Acrylic Self-Sealing Low Lustre - Canada**

Prescriptions and color matching capabilities for Ultra Spec® Self-Seal Low Lustre (K581 - Canada)

## **Ultra Spec® Masonry Elastomeric Waterproof Coating – U.S. & Canada**

Prescriptions and color matching capabilities for 359/360 - 4X Base (U.S.)

Prescriptions and color matching capabilities for K359/K360 - All Bases (Canada)

## **Andersen, Marvin, and Pella Window and Door Colors Available in Regal Select® Exterior REVIVE**

Prescriptions for most Andersen, Marvin, and Pella Window and Door colors are now available in Regal Select® Exterior REVIVE (544).

### **New Competitive Color Collections**

The following color collections have been added to this release of COLOR<sub>x</sub>.

- 1 – Martin Senour – When Paint Becomes Design
- 2 – Garaga Garage Doors – Garage Door Colors 2014
- 3 – Donald Kaufman – Additional Colors (DKC-85 to DKC-104)
- 4 – Behr – Trends 2016 & Home Decorator's Collection Seasons 2015

### **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.

## **Best Practices for Retail Color Matching with Benjamin Moore Color Systems**

It is important to use the proper mix of colorants to achieve the best performance for a particular color. The colorants selected for a specific color can make a significant difference in the following product properties.

- Appearance
- Color-match in different lighting
- Hide

- Durability
- Ease of reproducibility

When matching colors, there are a few important points to remember. The following guidelines will assist in cost savings and enhance the durability of custom mixed colors:

- Use the COLORx software to develop color matches; it will select the best colorant combinations to achieve a given color.
- Follow the recommended maximum colorant addition for each base; over tinting will hurt performance.
- If you match by “eye,” start with a system color that is visually close to the desired target and use the same colorants to adjust.
- Most colors can be achieved with up to three colorants, plus white if needed. While a mixture of many colorants can be used artistically to create interesting “full spectrum” colors, the risk of encountering problems is high. Using the minimum number of colorants to make a color can help to avoid creating colors that appear too neutral and difficult to reproduce. White can be added to any prescription to lighten a color.
- Because the pigments used to produce colorants have different performance characteristics, use the following guidelines to get the best combination for performance in both Gennex and Color Preview colorants.
  - First choice colorants
  - Oxide Yellow (Y3, OY)
  - Oxide Red (R3, RX)
  - Black and Gray (S1, BK and S2, GY)
  - White (W1, WH)
  - To adjust tone or when the basic color requires it
  - Thalo Blue (B1, BB)
  - Thalo Green (G1, TG)
  - Magenta (M1, MA)
  - When needed to achieve color or tone
  - Yellow (Y1, Y2, YW)
  - Red (R2, RD)
  - Orange (O1, OG)
  - For exterior products, avoid opponent color matches that use Yellow (Y1, YW) and Red (R2, RD) colorants in combination with Green (G1, TG) or Blue (B1, BB) colorants. Since these combinations result in gray, use Black (S1, BK) or Gray (S2, GY) instead.
  - Avoid using Orange (O1, OG) in exterior products.
  - Avoid using Green (G1, TG) with Orange (O1, OG) or Red (R2, RD.)
  - Avoid using Yellow (Y1, Y2, YW) or Orange (O1, OG) with Blue (B1, BB.)

## Prescription Changes since COLORx Version 6.31.0000 (United States)

Numerous prescriptions have been modified for the following products: 127, 301, 359, 360, 501, 502, 513, 532, 793, HP25, HP28, HP29, N122, N373, N374, N376, N401, W322, and W625. Please refer to the revision date when calling up prescriptions for these products. A revision date after 1/14/2016 indicates a change in the prescription since ColoRx version 6.31.0000.

The following prescriptions have been modified for multiple products: 687, 963, 1048, 2003-20, 2024-50, 2064-10, 2107-50, 2112-20, 2120-20, 2139-30, AF-145, HC-37, HC-154, HC-189, OC-5, OC-150, OC-151, OC-152, PM-1, PM-2, PM-4, PM-10. Please refer to the revision date when calling up prescriptions for these

products. A revision date after 1/14/2016 indicates a change in the prescription since ColoRx version 6.31.0000.

The following prescription has been modified for product 13: HC-155.

The following prescriptions have been modified for product 508: 542, 2139-40.

The following prescriptions have been modified for product 522: AF-570, HC-77.

The following prescription has been modified for product 524: AF-370.

The following prescription has been modified for product 548: 2173-20.

The following prescriptions have been modified for product 549: 2111-60, AF-555.

The following prescriptions have been modified for product 550: 2137-30, 2138-50.

The following prescriptions have been modified for product 551: 200, HC-12.

The following prescriptions have been modified for product 792: 821, 840, 1118, 1286, 1594, 2134-30, HC-41.

The following prescription has been modified for product N539: 1459.

## Prescription Changes since COLORx Version 6.31.0000 (Canada)

Numerous prescriptions have been modified for the following products: 301, 501, 502, F122, F373, F374, F376, FP25, FP28, FP29, K127, K359, K360, K401, K513, K532, K625, K793, L322. Please refer to the revision date when calling up prescriptions for these products. A revision date after 1/14/2016 indicates a change in the prescription since ColoRx version 6.31.0000.

The following prescriptions have been modified for multiple products: 2003-20, 2024-50, 2064-10, 2107-50, 2112-20, 2120-20, 2139-30, AF-145, HC-37, HC-154, HC-189, OC-5, OC-150, OC-151, OC-152, PM-1, PM-2, PM-4, PM-10. Please refer to the revision date when calling up prescriptions for these products. A revision date after 1/14/2016 indicates a change in the prescription since ColoRx version 6.31.0000.

The following prescription has been modified for product 13: HC-155.

The following prescription has been modified for product K508: 2139-40.

The following prescriptions have been modified for product K522: AF-570, HC-77.

The following prescription has been modified for product K524: AF-370.

The following prescriptions have been modified for product K549: 2111-60, AF-555.

The following prescriptions have been modified for product K550: 2137-30, 2138-50.

The following prescription has been modified for product K551: HC-12.

The following prescriptions have been modified for product K552: 2128-10, 2139-20, HC-68.

The following prescription has been modified for product K628: HC-85.

The following prescriptions have been modified for product K792: CC-780, CC-850, HC-41.

# 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 and runs under the Windows® XP, Windows® Vista, Windows® 7, and Windows® 8 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, Windows® 7 or Windows® 8

## 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.