



Mixing Matthews Paint

Using Matthews Paint Mixing Cup:

1. Using a stir stick, thoroughly stir the paint or mixed color.
2. Locate the “3:1:1” measurement ratio grid printed on the cup.
3. In the “3:1:1” ratio grid, choose the number that represents the volume of paint you need. We will use “4” in our example. (See Figure 1)
4. Pour the paint into the cup until the paint reaches the “4” in the left column of the “3:1:1” grid.
5. Pour the catalyst into the cup until the paint and catalyst reach the “4” in the middle column of the “3:1:1” grid.
6. Pour the reducer into the cup until the paint, catalyst and reducer reach the “4” in the right column of the “3:1:1” grid.
7. Optional: Add accelerator (using separate accelerator cup) to the specific volume indicated on the corresponding product’s technical data sheet.
8. Stir the properly measured mixture with a stir stick for 60 seconds or until you can visually see that all of the products are mixed thoroughly.



| 3 : 1 : 1 | | |
|------------------|----------|----------|
| | | 7 |
| | | 6 |
| | 7 | |
| | 6 | 5 |
| 7 | 5 | 4 |
| 6 | | |
| 5 | 4 | 3 |
| 4 | 3 | 2 |
| 3 | 2 | |
| 2 | | 1 |
| 1 | 1 | |

Figure 1

Yellow = Paint
 Red = Catalyst
 Blue = Reducer

Alternate Method Using Matthews Paint Mixing Cup:

1. Surrounding the mixing cup are columns of equal values ranging from the bottom of the column to the top of column. There are also two areas of measurements ranging from the bottom of the cup to the top of the cup.
2. Pick out a specific column of any measurement ratio.
3. In this column, locate the number you wish to use as your paint volume. Important: This number has to be divided into three parts. Each of these examples follows the 3:1:1 mix ratio by volume.
 - 3 fits our standard 3:1:1
 - 6 would mix 6:2:2 (See Figure 2)
 - 9 would mix 9:3:3
4. Fill your paint into the mixing cup to the specific volume number. We will use “6:2:2” in our example.
5. Using the same vertical column add your catalyst to the next number to match the proper volume ratio for the catalyst. In our example, add catalyst to number 8 in vertical column. (See Figure 2)
6. Using the same vertical column add your reducer to the next number to match the proper volume ratio for the reducer. In our example, add reducer to number 10 in vertical column. (See Figure 2)
7. Optional: Add accelerator (using separate accelerator cup) to the specific volume indicated on the corresponding product’s technical data.
8. Stir the properly measured mixture with a stir stick for 60 seconds or until you can visually see that all of the products are mixed thoroughly.



Figure 2
Yellow = Paint
Red = Catalyst
Blue = Reducer

If you have any questions, call Matthews Paint toll-free 1-800-323-5693.

Important: Use appropriate Personal Protective Equipment (PPE) and observe all applicable precautions

See Safety Data Sheet and Labels for additional safety information and handling instructions.

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