



Specialty Paints & Products for  
Sign · Branding · Re-Imaging  
1.800.421.7961

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## **Q-PRIM™ MP2054™ WASH PRIMER**

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**Q-PRIM™ MP2054™ Wash Primer** is specifically designed for application as a zinc chromate, acidic wash primer for aluminum or steel used in the sign, exhibit and display industries.

**Q-PRIM™ MP2054™ Wash Primer** is unique in its chemistry providing maximum corrosion resistance and very fast dry times with application of only a single coat.

**QHF Environmentally Friendly Product.**

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### **APPLICATION:**

1.



**Safety:**

Use only NIOSH approved respirators and personal protection equipment recommended for the product used.

*Always review the MSDS – Material Safety Data Sheets before use.*

2.

**Recommended Surfaces:**

Properly cleaned and prepared aluminum or steel.

**Aluminum:** Sand with 180 – 220 grit.  
**Steel:** Sand with 180 – 220 grit.

3.



**Surface Cleaning:**

Clean with **Q-SOLV™** Approved Cleaners / Degreasers and sand using power tools to produce a clean bare metal surface and to retain or produce a surface profile. Once cleaned, the surface will be free of all oil, grease, dirt, dust, mill scale, rust, paint, oxide, corrosion products and any other foreign matter. Re-clean with **Q-SOLV™** Approved Cleaners / Degreasers. Apply **Q-PRIM™ MP2054™ Wash Primer** after substrate has completely dried or flash rusting may occur. Steel flash rusting occurs quickly with ambient relative humidity if not quickly protected.



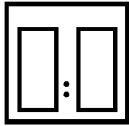
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4.



### Application:

**Q-PRIM™ MP2054™ Wash Primer** is a two component primer that can be sprayed through conventional or HVLP-high volume low pressure or RP-reduced pressure spray equipment.

### Mixing Ratio:

**1 Part Q-PRIM™ MP2054™ Wash Primer**  
**1 Part Q-ACTV™ PA2024™ Wash Primer Activator**

Mix thoroughly and strain activated material prior to use.

### Clean up:

The only clean up solvent recommended for this product is:  
**Q-SOLV™ CD4418™ Spray Gun Cleaner**

### Important Notes:

Apply .3 to .5 mils dry film thickness DFT.

Excessive film build will cause premature failure.

Pot life – 6 to 8 hours.

Topcoat within 24 hours.

Do not apply if temperature is below 55°F or above 110°F or if the surface temperature is within 5°F of the dew point or if humidity exceeds 85%.

For the highest DOI (degree of image) apply a primer surfacer before top coating.

Can be top coated with many types of paint systems. Always test before application or production run.

*Do not apply when ambient temperature is below 55°F.*



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5.



### **Dry Time To Topcoat:**

Dry to touch, handle and topcoat / recoat times vary, and are dependent on ambient temperature, % relative humidity and air movement which all play a significant role.

Typically one coat can be top coated after 30 to 45 minutes depending on temperature, airflow, wet film thickness applied and humidity.  
Full cure is 3 to 4 hours. Topcoat within 24 hours.

Ready to topcoat when “fingernail” hard.

### **Additional Notes:**

Shake well before using.

When properly top coated, provides excellent corrosion and humidity resistance over aluminum or steel and affords many of the benefits from alodine or bonderite metal passivation type treatments.

Store mixed materials in an acid resistant plastic container.

**Warning:** Sanding is not recommended. Dry sanding, flame cutting, abrading, welding, grinding etc, of the dry primer film will produce hazardous dust and or fumes. Wear Niosh / MSHA approved respirator to avoid inhalation. Avoid all contact with airborne particles.

*Always review the MSDS – Material Safety Data Sheets before sanding.*

Always test surface preparation, primer and topcoat compatibility to determine acceptability before any production run.

**Disclaimer:** Technical information and suggested uses are believed to be reliable by QH&F Ltd., but such information or suggestions do not constitute a warranty. QH&F Ltd. has no control over the conditions under which the product is stored, handled, used or applied. Buyers must determine for themselves the suitability of each product for their specific use.