



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

Q-COAT DC™ DISPLAY COATING

Q-COAT DC™ Display Coating is designed to meet the requirements of painting foams, rigid plastics, rigid PVC type materials and standard metal signage. **Q-COAT DC™** provides fast air-dry times, ease of spray application along with mar, UV and scratch resistance. Application on non rigid or post routed substrates may require the application of **QPRIM PP1010 Adhesion Promoter™** prior to top coating. Application on solvent sensitive type foams may require additional priming steps prior to top coating. Consult the QHF technical line for assistance.

QHF Environmentally Friendly Product.

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.



Surface Cleaning:

For plastic substrates - **Q-SOLV™ CD4402™** Plastic Cleaner.

For foam substrates that absorb liquids - compressed air only.

For metal substrates – **Q-SOLV CD4400™** Cleaner Degreaser.

For previously painted surfaces – clean, scuff sand to ensure adhesion and re-clean before painting. Always test for compatibility, lifting and adhesion before production run.

Substrate Priming:

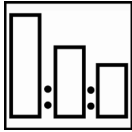
Follow recommendations / instructions on the appropriate primer container. Solvent sensitive foam type substrates may require additional priming / sealing steps prior to top coating. Always test surface preparation, primer and topcoat compatibility to determine acceptability before any production run.



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3.



Reduction Ratio: 2K Display Coating

By weight on a mixing scale add:

1 part **Q-COAT DC™** Mixed Color
10% **Q-ACTV UA5000™** Activator ⁽³⁾
(Example 1000 grams **Q-COAT DC™** Color and 100 grams **Q-ACTV UA5000™**)

Mix thoroughly, then add together by volume:

1 part above **Q-COAT DC™** Mixed Color with 10% **Q-ACTV UA5000™**
1 part **Q-SOLV DR™** Series Reducer

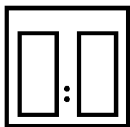
Q-SOLV™ DR1210™ Low VOC Fast Reducer
Q-SOLV™ DR1220™ Low VOC Medium Reducer
Q-SOLV™ DR1270™ Substrate Sensitive Reducer ⁽¹⁾
Q-SOLV™ DR1280™ Retarder Reducer ⁽²⁾

⁽¹⁾ For use with solvent sensitive foams or substrates

⁽²⁾ When spraying large surface areas or application at higher temperatures,
add 5% **Q-SOLV™ DR1280™** Retarder.

⁽³⁾ **Q-ACTV UA5000™** is for use in mixed colors only, **DO NOT** mix in
Q-COAT DC Clear Coats.

NOTE: 2K Display Coating has a maximum pot life of 8 hours.



Reduction Ratio: 1K Display Coating

1 part **Q-COAT DC™** Coating Color
1 part **Q-SOLV DR™** Series Reducer

Q-SOLV™ DR1210™ Low VOC Fast Reducer
Q-SOLV™ DR1220™ Low VOC Medium Reducer
Q-SOLV™ DR1270™ Substrate Sensitive Reducer ⁽¹⁾
Q-SOLV™ DR1280™ Retarder Reducer ⁽²⁾

⁽¹⁾ For use with solvent sensitive foams or substrates

⁽²⁾ When spraying large surface areas or application at higher temperatures,
add 5% **Q-SOLV™ DR1280™** Retarder.

NOTE: 1K Display Coating has a 6 month pot life.



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4.



Spray Gun Recommendations:

Gravity Feed	1.3-1.4 mm
Siphon Feed	1.6-1.8 mm
Pressure Feed	1.0-1.4 mm

5.



Spray Application:

Apply approximately 2-3 coats. Flash off time between coats should be determined by surface area and ambient temperature. Always utilize a color control sample to assure color acceptability.

Brush / Roller or Pad Application:

Application by brush, roller cover or pad is not recommended and will result in a sacrifice in overall appearance. Use **Q-COAT AC™** Air Dry Coating when brushing, rolling or using a pad applicator.

6.



Dry Time:

Dry to handle at 75°F 50% R.H. in 20-30 minutes. Adding Activator or retarder will extend dry and cure times.

Dry to package and ship in a moisture free environment at 24 to 72 hours minimum.

Tape track free in 2 to 4 hours at 75°F 50% R.H.

Can be recoated or clear coated without sanding up to 24 hours, after 24 hours scuff sanding is recommended to ensure adhesion.

Cleaning and Care:

1K Display Coating : After full cure, **Q-COAT DC™ Display Coating** can be cleaned or wiped using a soft cotton cloth with “over the counter” cleaning products such as Formula 409®, Fantastik®, Clorox Cleanup®, Pledge Multi-surface®, or Pine Sol®. When utilizing a cleaner for the first time, always test prior to use on production pieces. Industrial grade cleaning solvents such as xylene, lacquer thinner, VM&P, MEK, etc are not recommended and will damage the paint film.

2K Display Coating: A more chemical resistant, mar resistant and scratch resistant coating than **1K Display Coating**. For other cleaning options, please consult the QHF technical department.

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

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