



**Quality.**

*"We Set The Standard."*

**Duraflect® copper-free mirror**



## The Cw® story

Contractors Wardrobe® was founded in 1972 and began designing and manufacturing its own products in 1976. Since then, Cw® has continued to expand its product lines and develop some of the finest home improvement products found anywhere in the world.

Today, worldwide operations and state-of-the-art, vertically integrated manufacturing facilities are controlled from its 258,000 square foot corporate headquarters located in the Santa Clarita Valley, just north of Los Angeles, California.

Additional facilities and showrooms located in Sacramento, California; Las Vegas, Nevada; Tempe, Arizona and Pompano Beach, Florida; in total over 500,000 square feet, as well as a broad distribution throughout the United States, keep us poised to serve and supply the residential, commercial and hospitality industries with equal ease and service.



### Cw® Corporate Offices

26121 Avenue Hall, Valencia, CA 91355  
Phone: 661.257.1177

### Correspondence to:

P.O. Box 800790, Santa Clarita, CA 91380

### Customer Service/Showroom:

26150 Technology Drive, Valencia, CA 91355

### Other Locations:

#### Cw® Sacramento

8460 Rovana Circle  
Sacramento, CA 95828

#### Cw® Las Vegas

4190 West Teco Avenue  
Las Vegas, NV 89118

#### Cw® Tempe

655 West Elliot Road,  
Suite 101  
Tempe, AZ 85284

#### Cw® Pompano Beach

1780 N.W. 15th Avenue,  
Suite 420  
Pompano Beach, FL 33069





## Our products



**Shower Enclosures**



**Duratuf® Glass**



**Painted Glass**



**Room Partitions**



**Cabinet Doors**



**Duraflect® Mirror**



**Wardrobe Doors**



**Vanity Mirrors**



# Duraflect® copper-free mirror

This patented process is a quantum leap in the mirror manufacturing process. Contractors Wardrobe® is the first in the United States to exclusively manufacture copper-free mirror.



*Contractors Wardrobe®'s Klöpper Mirror Conveyor - located in Sacramento, California. The efficiencies of the line along with the "Copper-Free" chemical solution are environmentally friendly and improves the quality and life of the mirror.*

We start with the highest "select quality" float glass. The float glass goes through a rigid inspection by our expert crew, eliminating any flawed glass. This quality control is essential before the mirror manufacturing process begins to ensure the highest quality and consistency in the finished mirror project. The glass is then run through a rigorous cleaning cycle on Contractors Wardrobe®'s state-of-the-art Klöpper Mirror Conveyor. The elimination of the copper film dramatically improves the quality and life expectancy of a mirror. To complete the process, two generous curtain coats of paint are applied with precision. The key to success with the copper-free mirror is the uniformity of the application of the paint combined with the proper curing temperature and line speed, which is flawlessly executed on Contractors Wardrobe®'s Klöpper Mirror Conveyor. The result is a durable superior grade mirror with exceptional clarity and diamond-like brilliance that will withstand the elements of time, and the environment!

# Decorative mirror selection



**Antique**

*Available in 1/4"(6mm)*



**Blue**

*Available in 1/4"(6mm)*



**Bronze**

*Available in 1/8"(3mm), 1/4"(6mm)*



**Clear**

*Available in 1/8"(3mm), 5/32"(4mm), 3/16"(5mm), 1/4"(6mm)*



**Gray**

*Available in 1/8"(3mm), 1/4"(6mm)*



**Green**

*Available in 1/4"(6mm)*



**Crystal Clear™**

*Available in 1/4"(6mm)*



**Mystique™**

*Available in 1/4"(6mm)*



**Peach**

*Available in 1/4"(6mm)*

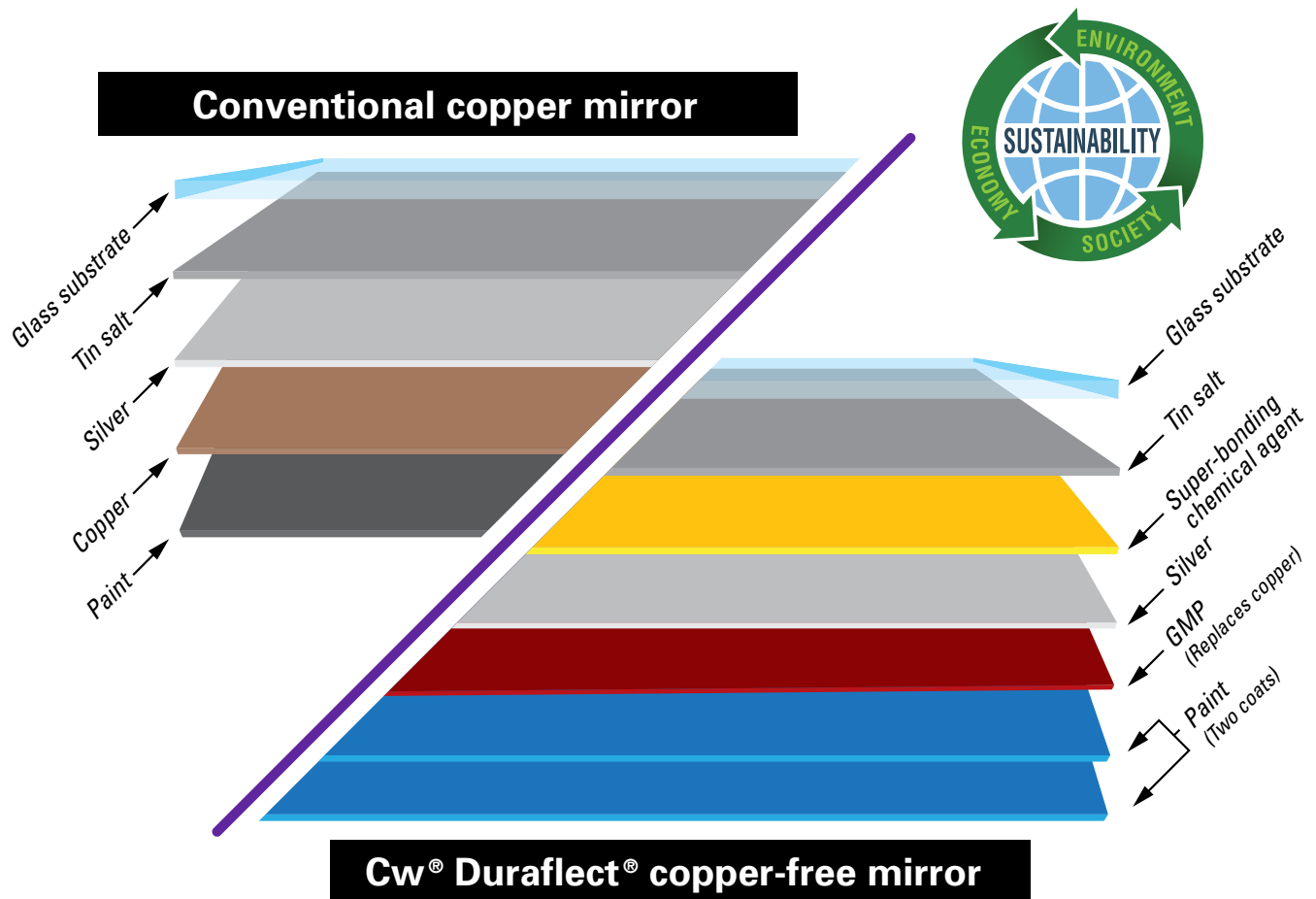
Note: Check for availability on stock sizes and for other thicknesses.

PRIN-2250-0619

# Why your business will be more successful with Durafect® copper-free mirror manufactured by Contractors Wardrobe® ...

## Copper-free mirror is...

- Warranted right up to the ocean for a period of 5 years!
- Not affected by high humidity locations such as bathrooms.
- Proven to be superior to conventional mirror in all accelerated tests.
- 2 to 5 times better than conventional copper mirror.
- Shown to dramatically reduce the appearance of black edge.
- Highly resistant to atmospheric degradation.
- Installer friendly offering the glazier a vast range of silicone bearing adhesives.
- Highly resistant to ammonia found in many types of cleaners.
  - Which is in many types of cleaners the end user will use



Note: Diagram above shows a layered breakdown of conventional copper mirror and Durafect® copper-free mirror.

## BACKED BY A 5 YEAR WARRANTY!

*Some restrictions apply. See warranty for details.*

# Reflect on this...

A mirror's environment is its worst enemy. Over time, humidity and other atmospheric conditions, ammoniated cleaners, and many of the mastic adhesives used in installation eat away at a mirror's protective coatings and corrode its reflective surface. Cw's Durafect® copper-free mirrors are proven superior over conventional copper mirrors. The proof is in the test results...

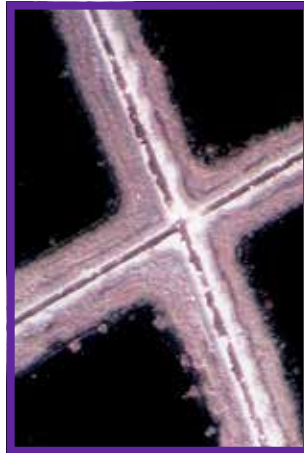
**Test conditions:**

Salt spray (20%) after 300 hours.

*(At 25x magnification)*



**Durafect®  
copper-free mirror**  
*(75 Microns)*

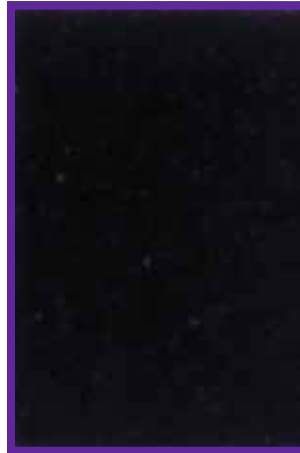


**Conventional  
copper mirror**  
*(260 Microns)*

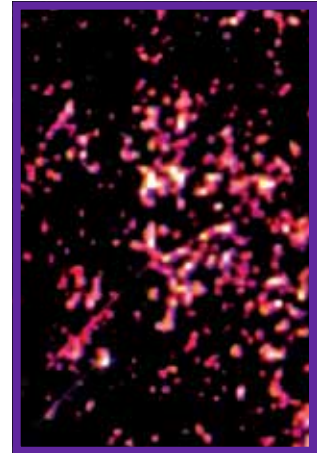
**Test conditions:**

Ammonia immersion (10%) after 48 hours.

*(At 25x magnification)*



**Durafect®  
copper-free mirror**



**Conventional  
copper mirror**

**Test conditions:**

Ferric Chloride immersion after 2 hours.

*(At 25x magnification)*



**Durafect®  
copper-free mirror**

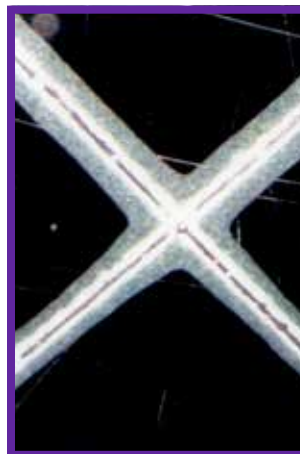


**Conventional  
copper mirror**

**Test conditions:**

CASS (Copper Acetic Acid Salt Spray) after 240 hours.

*(At 25x magnification)*



**Durafect®  
copper-free mirror**



**Conventional  
copper mirror**

**Test results showed that copper-free mirror...**

- Did not cloud after being in a humidity chamber for a period of 60 days. Conventional copper mirror showed clouding to various degrees after a period of less than 5 days.
- Showed NO clouding after 10 days of heat tests at 160° F. Conventional copper mirror was SEVERELY clouded after 4 hours.
- Showed NO paint delamination after being immersed in a 10 % ammonia solution for a period of 5 days. Conventional copper mirror delaminated after 3 hours.





**Duraflect® copper-free mirror**



**Quality.**

*"We Set The Standard."*



**Made in USA**

**Shower Enclosures • Duratuf® Tempered Safety Glass • Painted Glass  
CwShield™ Protective Coating • Room Partitions and Loft Dividers  
Cabinet Doors • Duraflect® Copper-Free Mirror • Wardrobe Doors**



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